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PRESSURE MEASUREMENTS ON AN F/A-18  
TWIN VERTICAL TAIL IN BUFFETING FLOW

VOLUME 3- BUFFET POWER SPECTRAL DENSITIES

**AD-A281 444**



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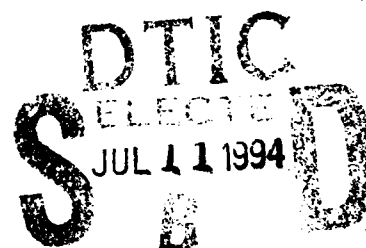
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## **Foreword**

This report was prepared by the Structural Dynamics Branch, Structures Division, Flight Dynamics Directorate, Wright Laboratory, Wright Patterson Air Force Base, Ohio. The wind tunnel test program described in this report was conducted during a joint NASA, Navy, and Air Force F/A-18 test program conducted at the NASA Ames Research Center. The wind tunnel data taken by Wright Laboratory engineers during the F/A-18 wind tunnel test was acquired in support of Project 2401, "Structural Mechanics", Task 240104, "Vibration Prediction and Control, Measurement, and Analysis" and Work Unit 24010446, F-18 Twin Vertical Tail Buffet. The project engineers for this effort were Mr. Ed Pendleton and Mr. Chris Pettit. Mr. Dansen Brown, a mathematician, provided engineering analysis support for reduction of the test data. Mr. Mike Banford was the lead technician responsible for instrumentation and data collection.

The authors wish to thank the NASA Ames F/A-18 Wind Tunnel Test Team for their cooperation during testing of the F/A-18, especially Mr. Gavin Botha, Ms. Wendy Lanser, Mr. Kevin James, Mr. Roger Stewart, and Mr. Roy Arakaki. The authors also wish to thank Dr. Holt Ashley of RANN Corporation, Dr. Marty Ferman formerly of McDonnell Douglas Corporation, and Dr. James Olsen for their technical advice and suggestions during the preparation of this report. The authors further thank Mr. Larry Dukate for his assistance in reducing test data, and Mr. Scott Harris and Mr. Dick Talmadge for their technical assistance during the instrumentation phase of the test program.

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## **Introduction**

Contemporary twin-tail fighter aircraft may encounter high frequency empennage vibrations caused by flow emanating from the forebody or wings during high angle-of-attack maneuvering. This turbulent flow occurs when the air flow on the forebody or upper wing surfaces becomes detached at high angles of attack. Air flow in the detached region becomes turbulent, giving rise to fluctuating pressures on the wing and induced oscillating pressures on surfaces which are in the flow path.

The induced unsteady pressures, commonly referred to as buffet, are broad-band random fluctuations having predominant frequencies associated with the primary air flow characteristics of the aircraft. These primary airflow properties may include, but are not limited to, vortex flow from engine inlets, sharp corners, and highly swept lifting surfaces. The turbulent air flow excites the tail surfaces embedded in the flow and large oscillatory structural responses result at the resonant frequencies of the tail. After prolonged exposure to this flow environment, the tail structure can begin to fatigue and repairs must be initiated. The maintenance costs and aircraft down time associated with these repairs are often quite high. To reduce these costs, the tail structure and associated equipment must be designed to both minimize and tolerate these oscillatory responses.

One twin-tail fighter aircraft that often encounters tail buffet when conducting air combat maneuvers at high angles-of-attack is the F/A-18. In an effort to quantify the F/A-18 tail buffet loads and to provide data for use in the development of potential solutions to counter the twin tail buffet problem, wind tunnel tests were conducted to measure the aerodynamic pressures on the twin tails of an F/A-18. Buffet pressures and the resulting structural vibrations of the vertical fins were obtained over a range of angle of attack and sideslip conditions.

Volume III of this technical report presents the Power Spectral Densities (PSD) from the measured aerodynamic pressures and accelerations obtained from the F/A-18's starboard vertical tail during wind tunnel testing. Volume I of this report presents a general description of the full scale aircraft model and the test program. Volume II presents results from both steady and unsteady pressures, obtained during high buffet flow conditions. Volume IV of this report presents the unsteady pressures reduced to Cross Spectral Density (CSD) form.

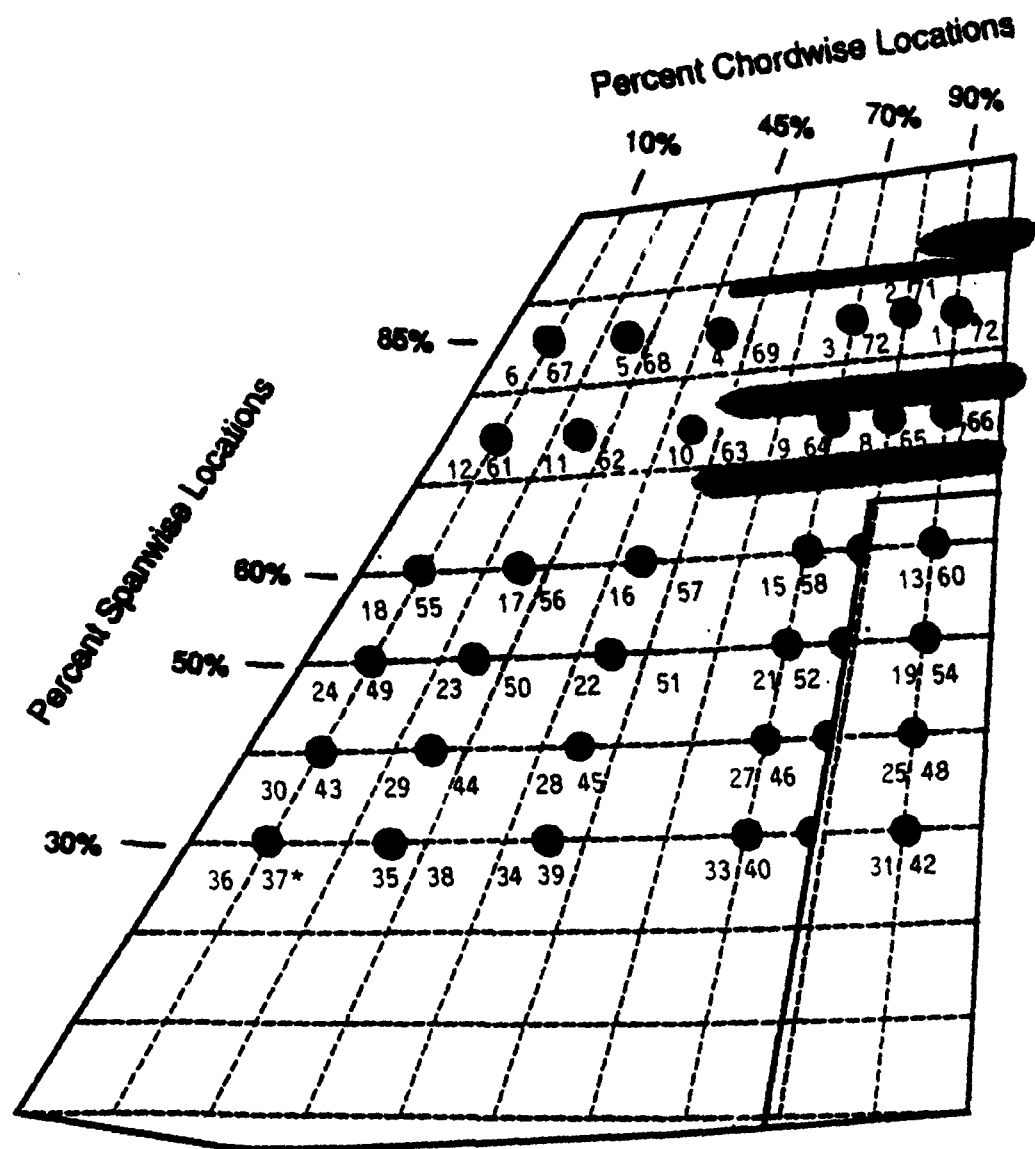
## Dynamic Data

The wind tunnel buffet tests were conducted during a ten day period in August 1993 at the NASA Ames NAFC 80 by 120 foot tunnel in Mountain View, California. Unsteady pressure measurements, as well as acceleration data, were obtained for sixty-three (63) test conditions. Four of the test conditions were at a dynamic pressure of 20 lb/ft<sup>2</sup>, and fifty nine of the conditions were at the maximum tunnel dynamic pressure of 33 lb/ft<sup>2</sup>. During the tests, pressure measurements were collected as the static angle-of-attack,  $\alpha$ , was varied through a range from 20 to 40 degrees at zero sideslip. Measurements were also obtained as the static aircraft sideslip angle,  $\beta$ , was varied from -16 to 16 degrees at angles-of-attack of both 30 degrees and 35 degrees. Measurements were taken with the LEX fence both deployed and undeployed.

Figure 1 shows the Kulite microphone pressure transducer locations along the F/A-18's twin vertical starboard tail. The station number for each pair of inside and outside transducers is equivalent to the number for each outboard transducer. Accelerometers were located on both starboard and port tails at the tails' tips close to the leading and trailing edges.

At each test condition, unsteady pressure data were recorded for 30 seconds with the data acquisition system's multiplexers operating in the alternating current (AC) mode. Seventy two channels of pressure data and four channels of acceleration data were recorded.

Pressure differential time histories were computed for each pressure transducer pair at each location by subtracting the outer time history from the inner time history. These data and the acceleration data were converted to the frequency domain using Fast Fourier Transform techniques. A transform size of 2048 resulted in a frequency resolution of approximately  $\Delta f = 0.8$  Hz. A Hanning window was applied to reduce the bandwidth leakage, and an average of 22 transforms with a 50% overlap was used to increase statistical confidence. Power Spectral Densities were then computed from the Fourier transforms and the results were plotted from 2 Hz to 120 Hz. The total record time of  $T = 15$  seconds was determined to be an adequate record time with a sample time of  $\Delta t = 611.77$   $\mu$ seconds.



- — Pressure Transducer Locations, both sides of tail fin
- — Surface Obstructions
- \*36 37 - Outboard Transducer # - Inboard Transducer #

Figure 1. Pressure Transducer Station Locations



The pressure power spectral densities computed for the pressures at the various locations are shown in Figures 2 through 601. The PSDs are plotted versus amplitude squared per Hertz and also in non-dimensional form as discussed in Volume I. The "LEX fence on" were overlaid on the corresponding "LEX fence off" plots for easier comparison.

Following the wind tunnel test, a post-test inspection of the instrumentation was conducted to evaluate the condition of each pressure transducer. The inspection revealed that the wire from transducer #26 had severed. All remaining transducers appeared functional, but some were slightly fouled with residue from test fogging mixture.

Reduction of the raw signals from data also revealed clues about transducer condition. Steady and unsteady data plots reduction confirmed that transducer #26 had been inoperative during the entire wind tunnel test. These pressure plots also indicated that transducer #22 had been functional for only a portion of the test and was inoperative for data records 66-79.

Steady pressure differences across the fin determined using transducer pairs #20 and #53 and #29 and #44 appeared to be inconsistent with the steady data from the other stations' transducers. Unsteady RMS pressure differences across the fin determined using transducer pairs #29 and #44 also appeared to be inconsistent with the unsteady RMS data from the other stations' transducers. Further inspection of the raw signals from these transducer pairs indicated that the signals from transducers #20, #53 and #44 were inconsistent with the signals from the other transducers.

Overall, the conclusion from evidence gathered during the post test inspections and steady and unsteady data reduction is that transducers #26 was nonfunctional for all records, transducers #20, #44 and #53 were functioning improperly for all records and #22 was nonfunctional for data records 66-79.



## **Acceleration Power Spectral Densities**

**Test Variable - Angle of Attack (AoA)**

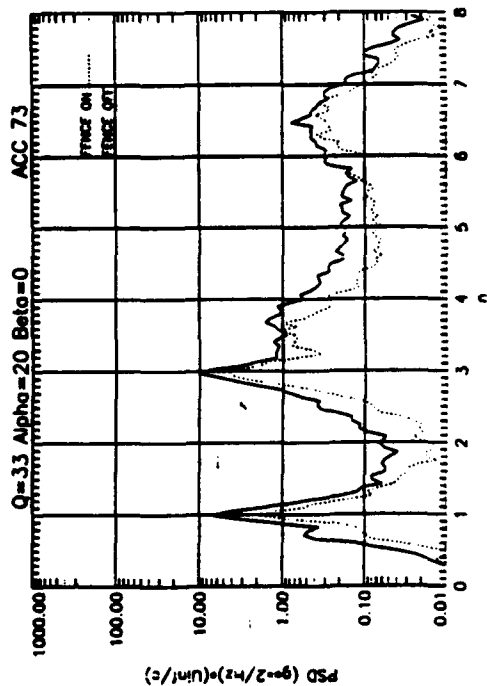
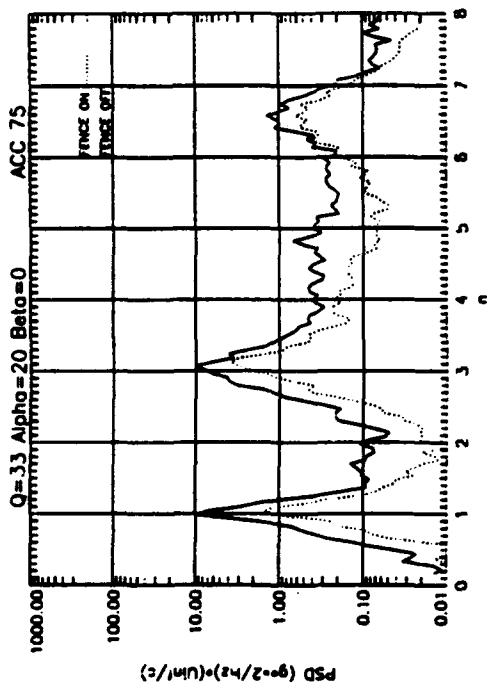
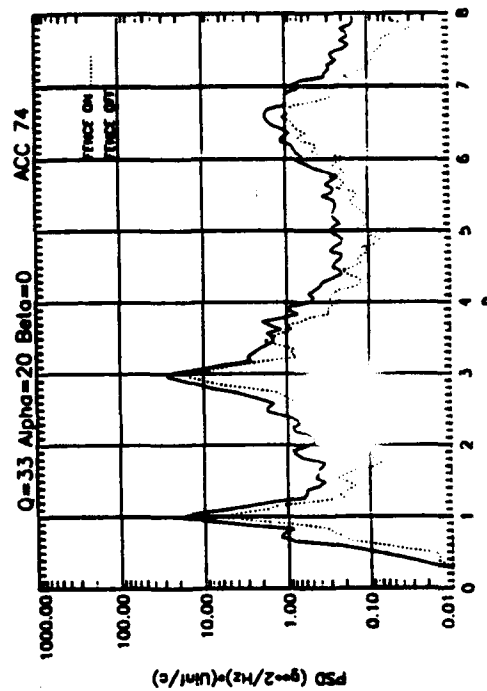
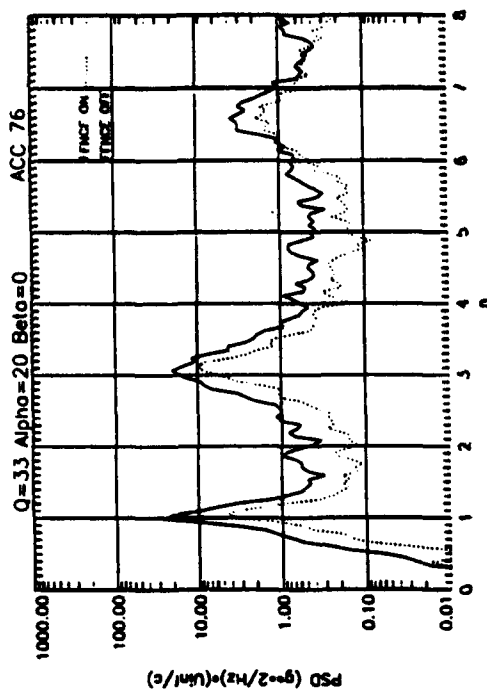
**AoA = 20, 24, 26, 28, 30, 32, 36, 40 degrees**

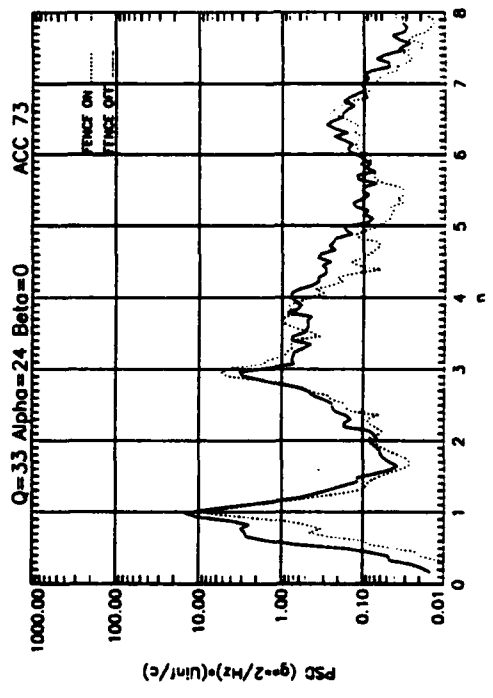
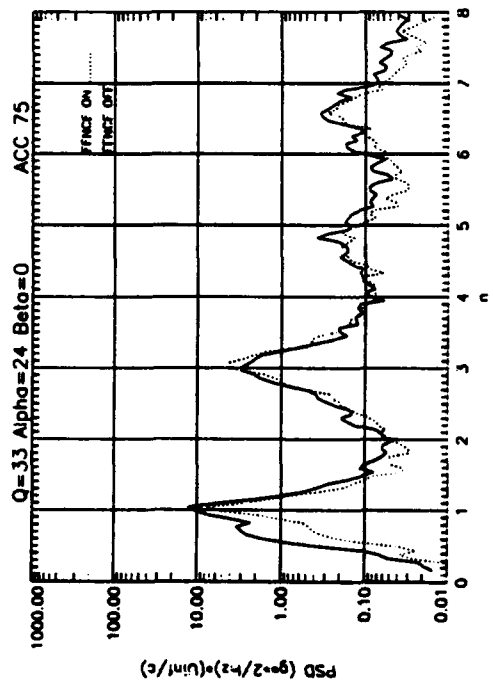
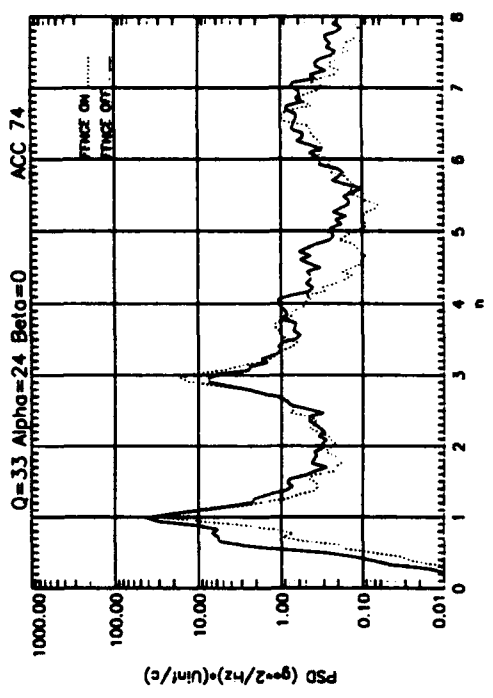
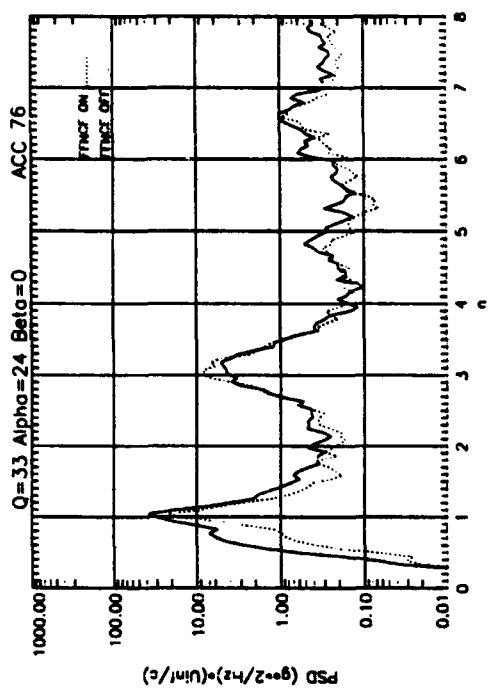
**Test Variable - Dynamic Pressure**

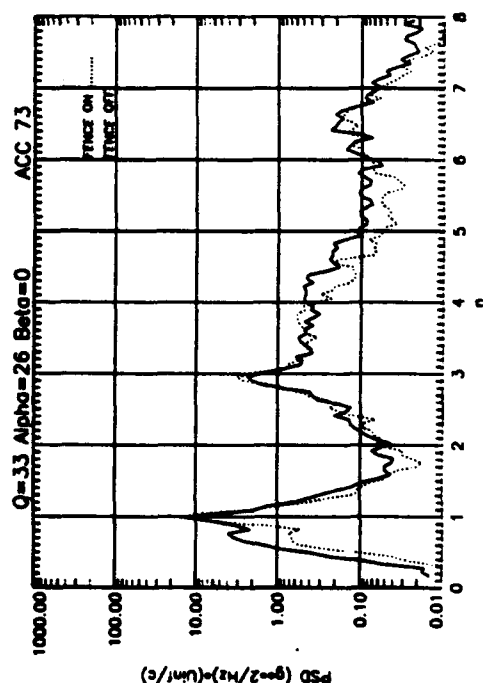
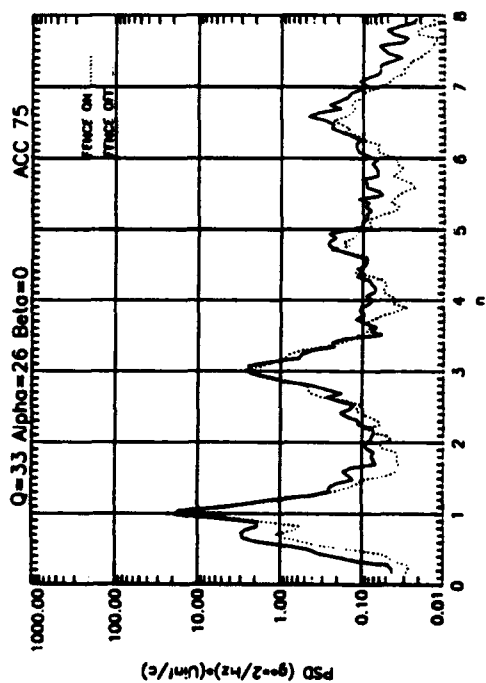
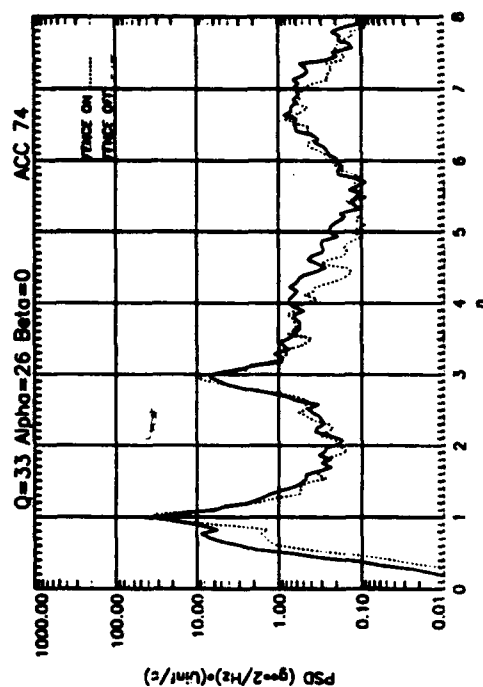
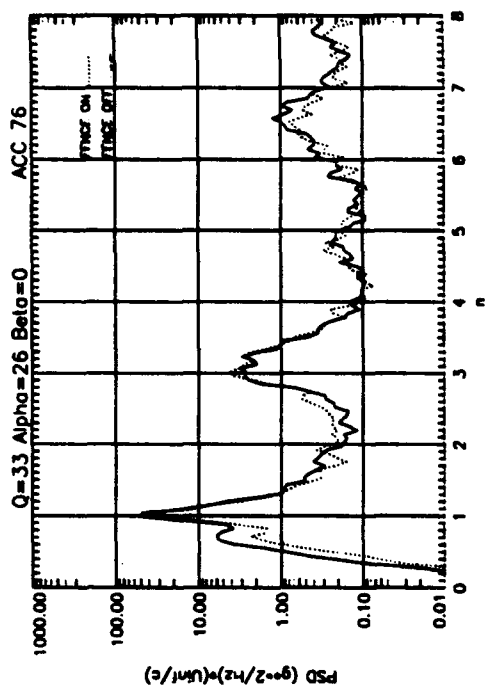
**q = 20 psf, 33 psf**

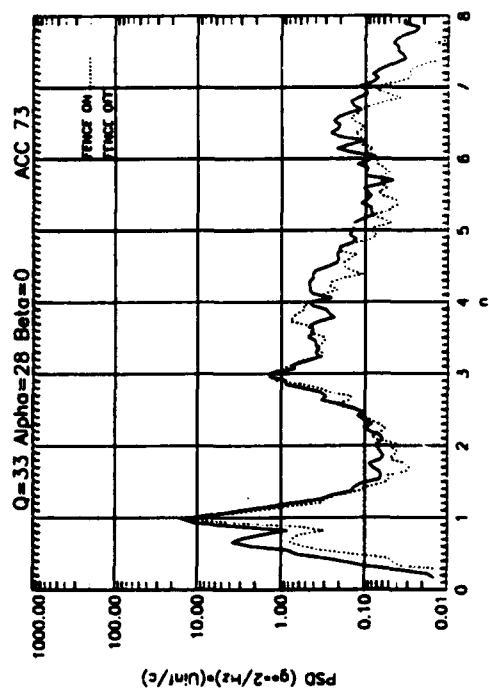
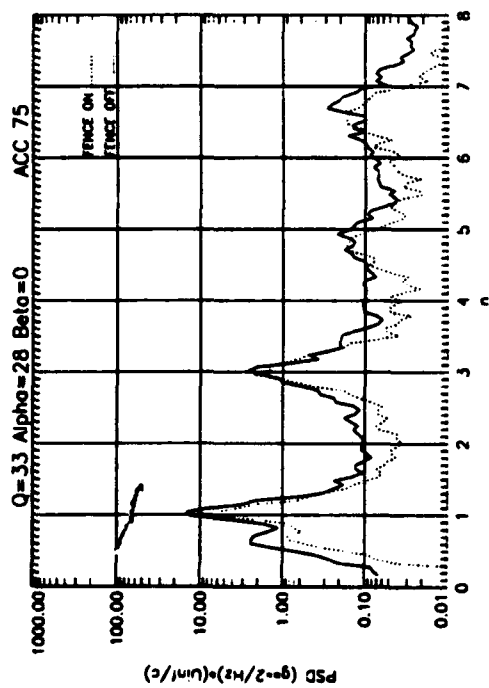
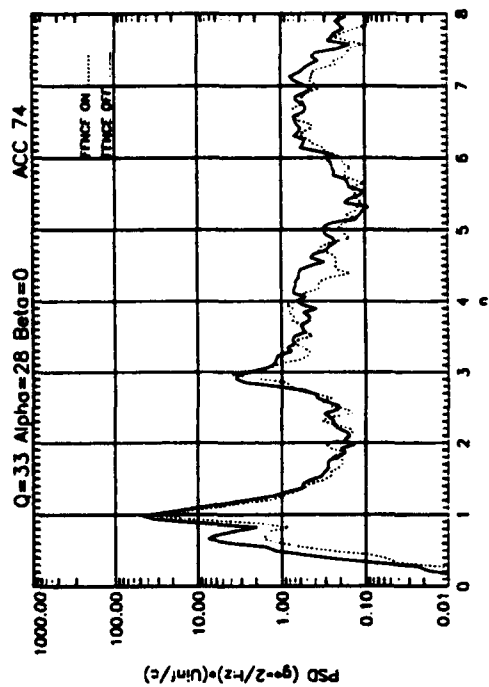
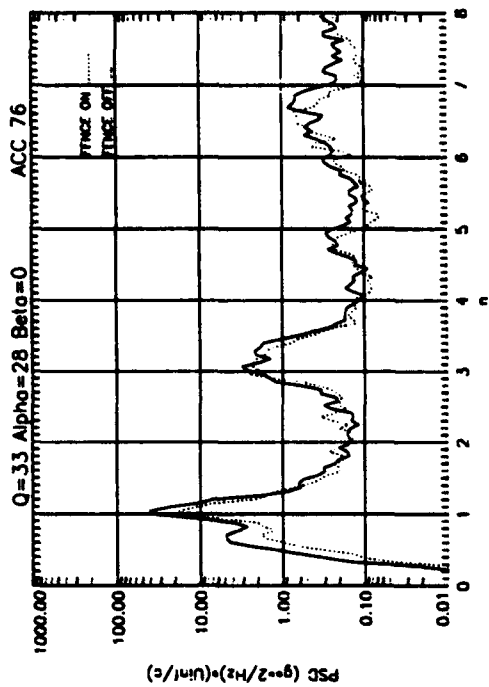
**LEX Fence Off and LEX Fence On**



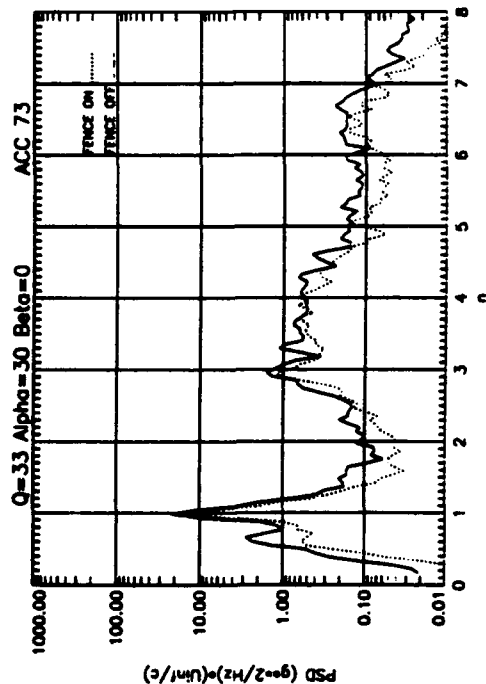
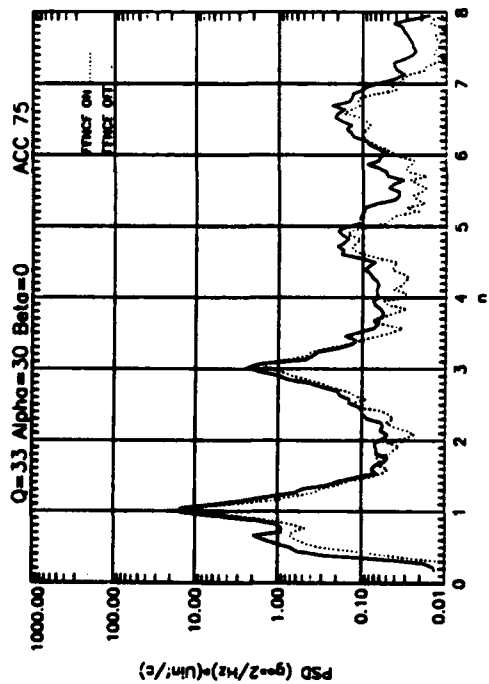
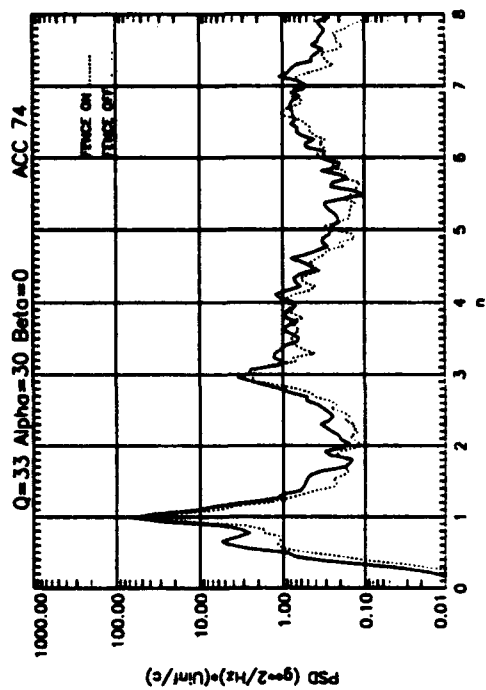
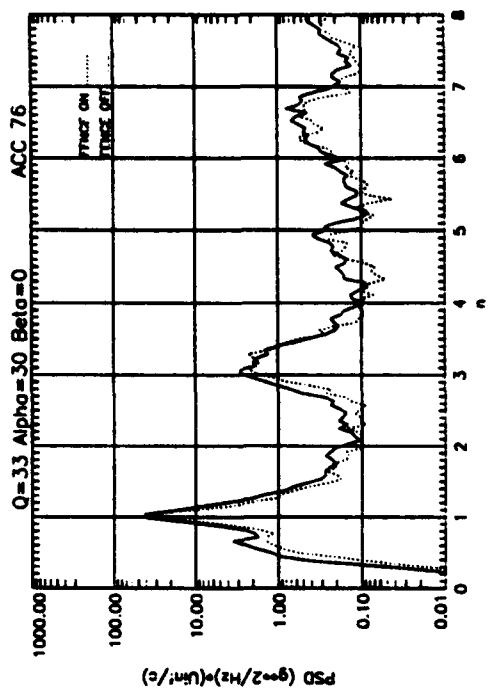


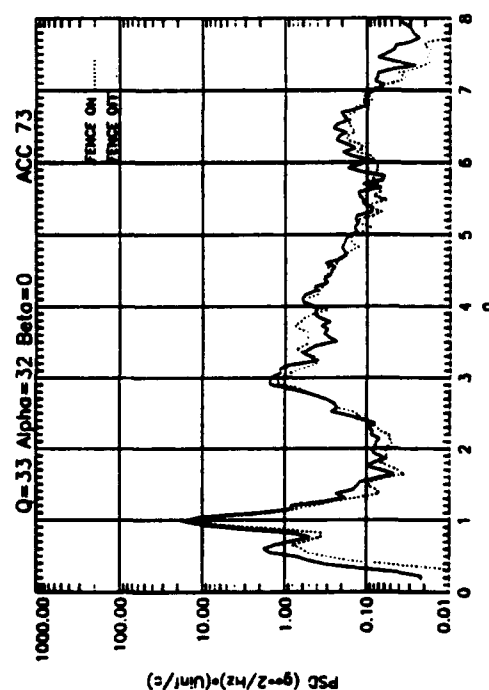
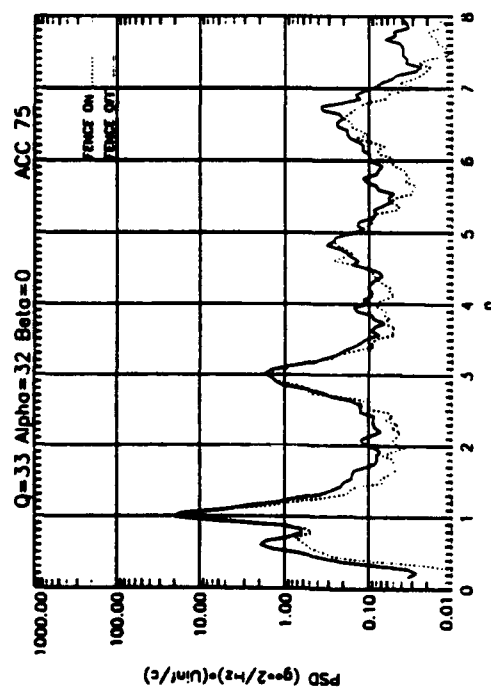
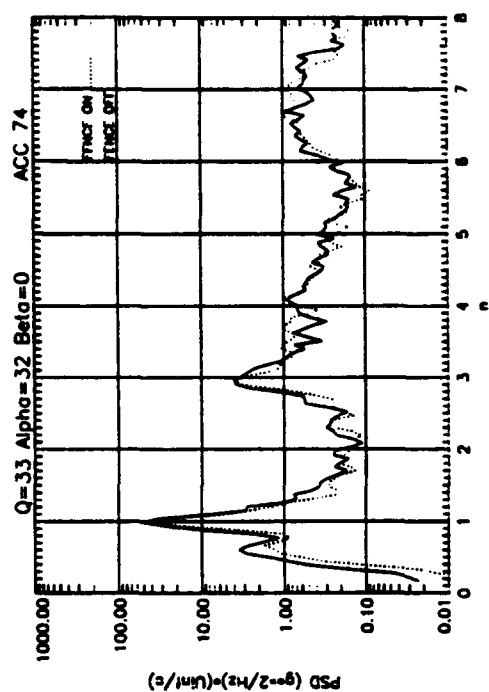
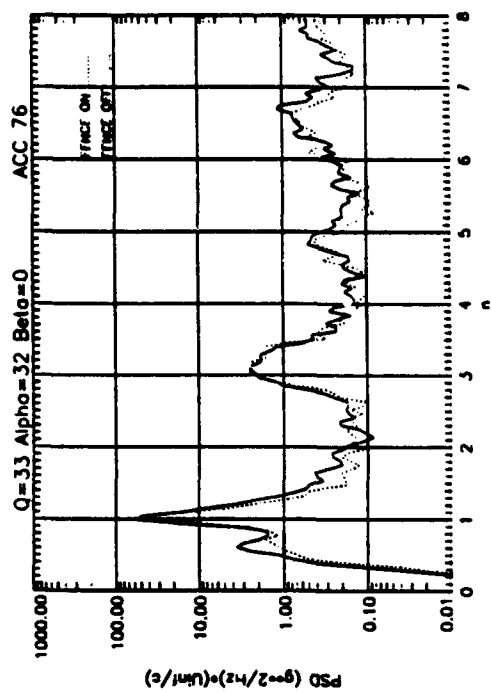


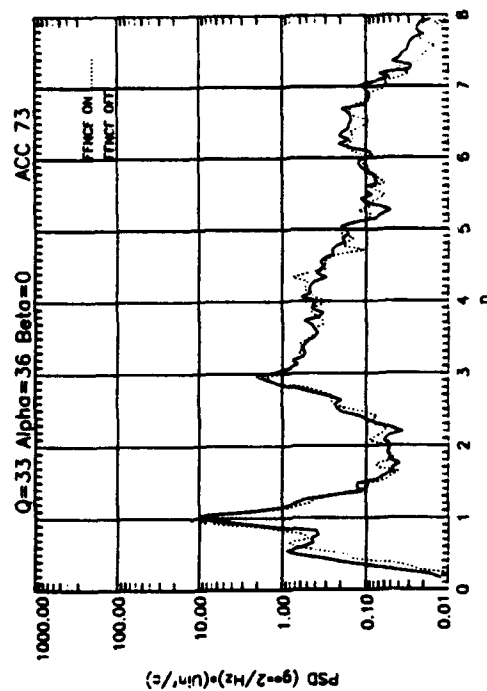
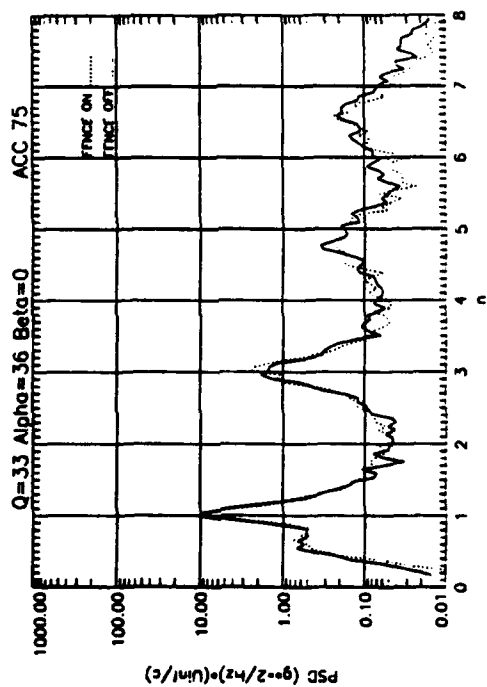
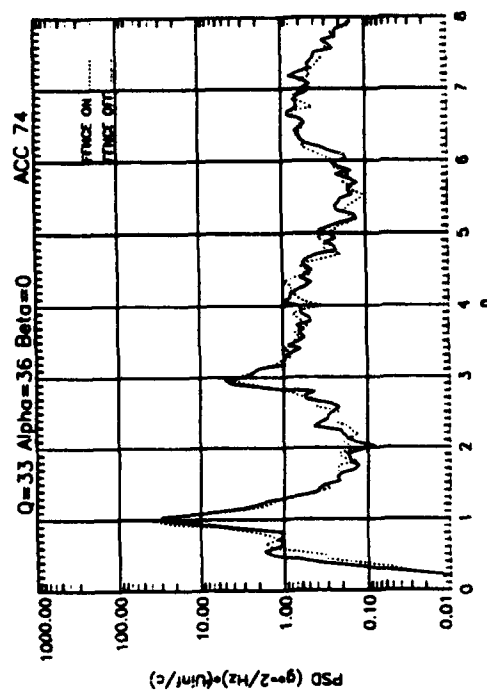
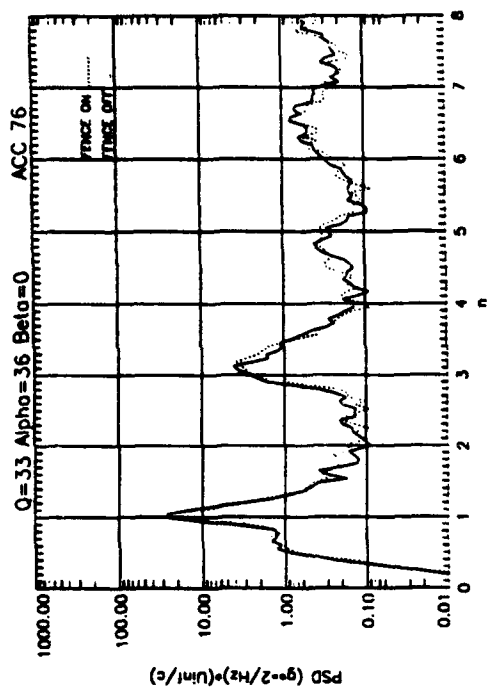


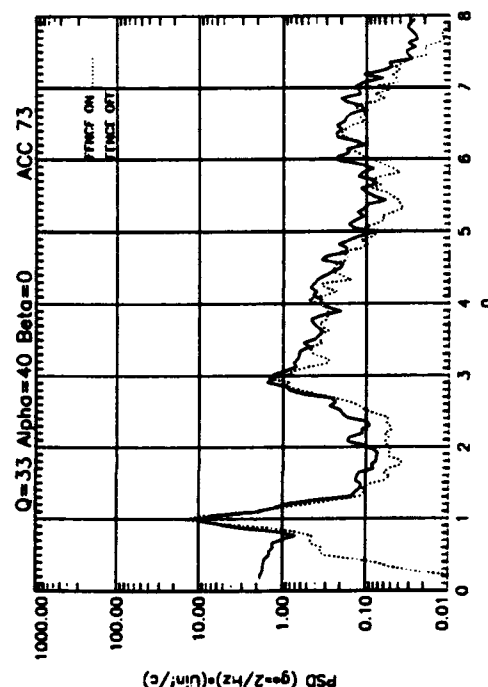
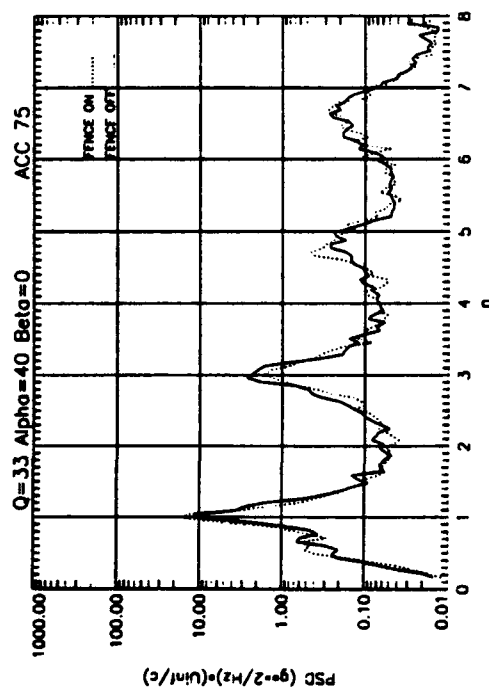
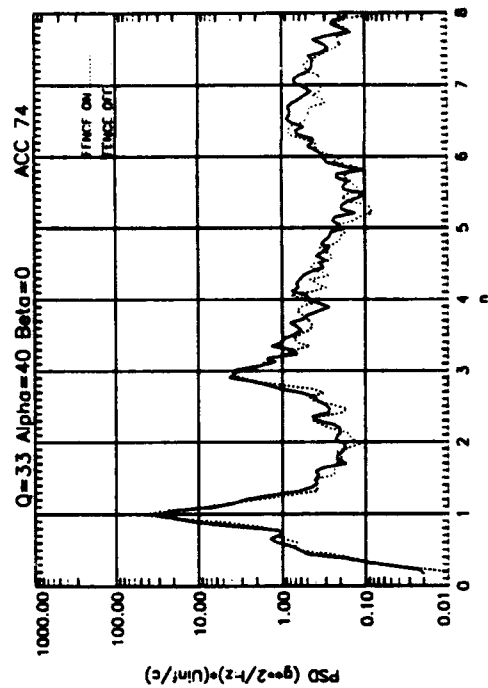
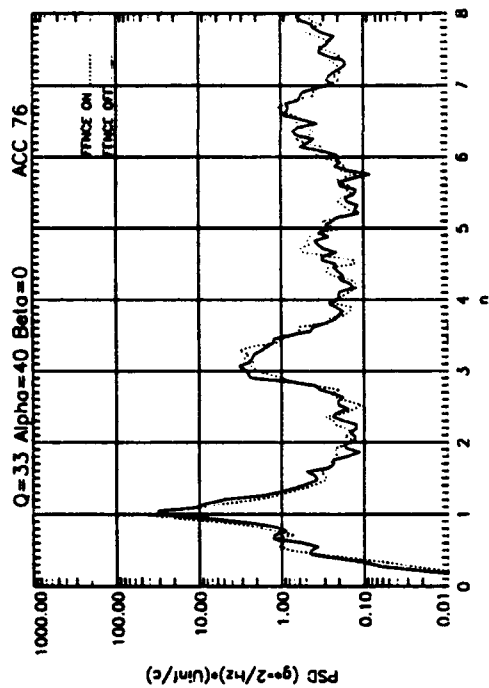


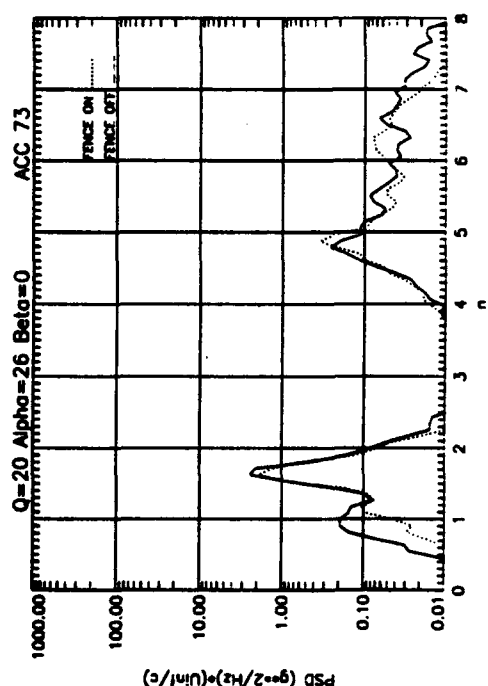
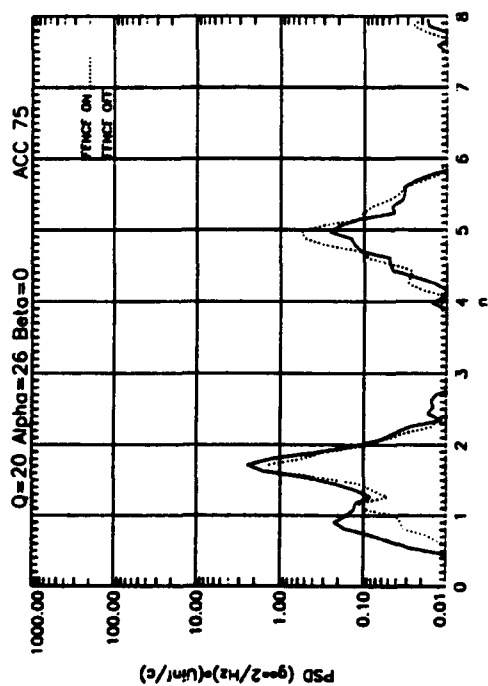
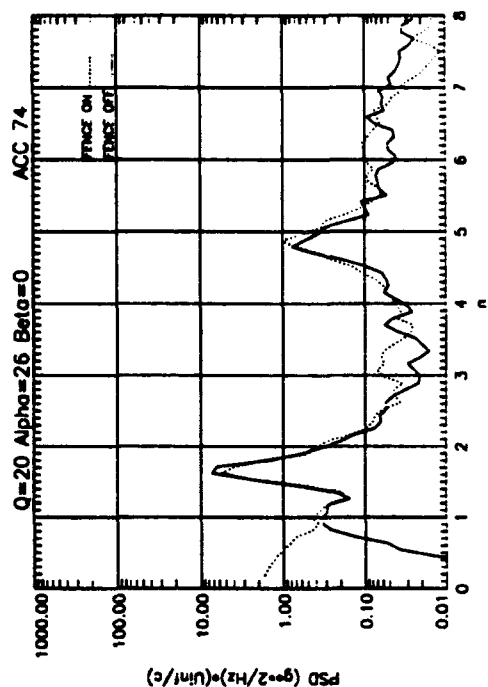
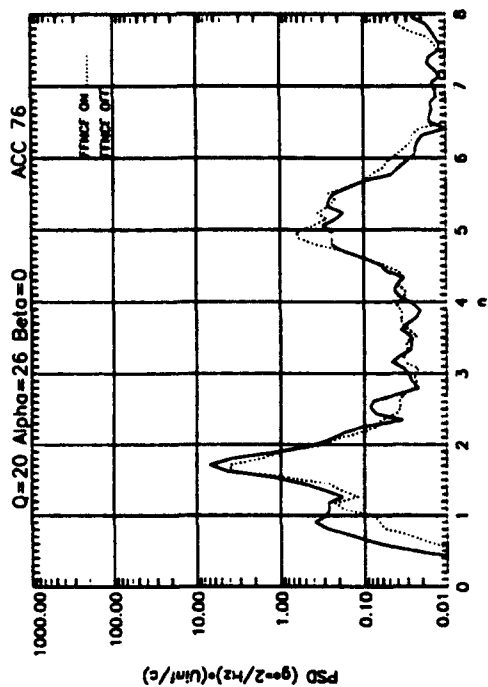


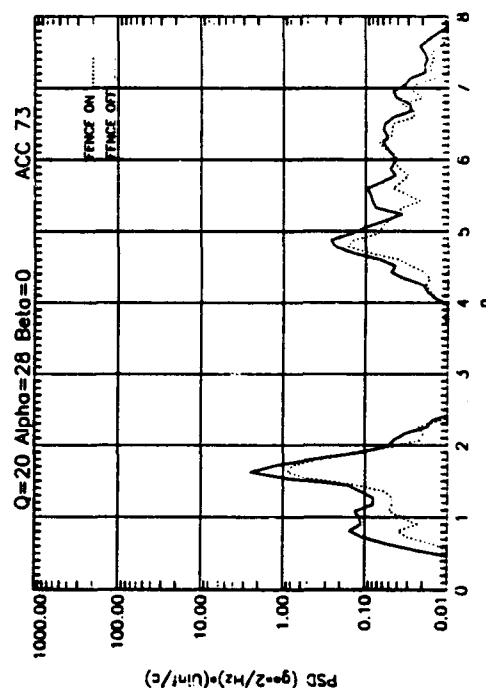
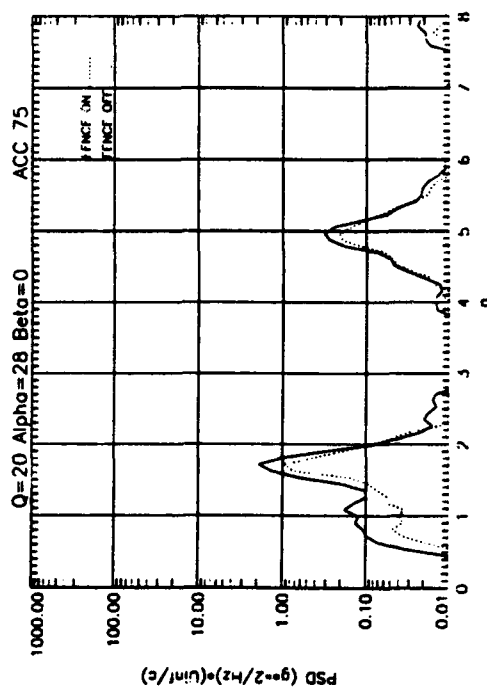
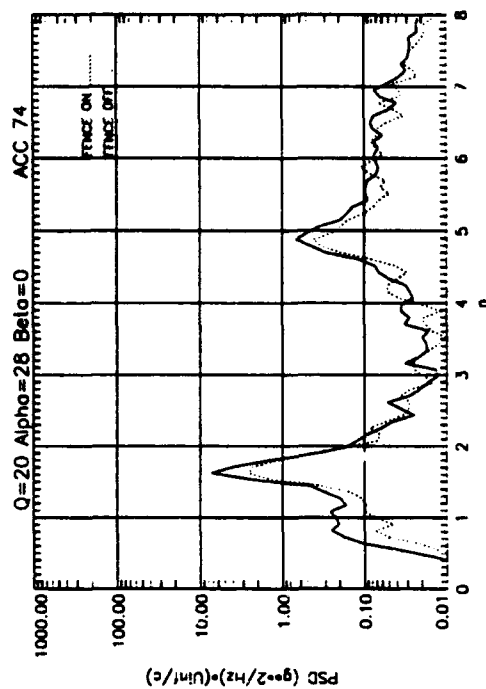
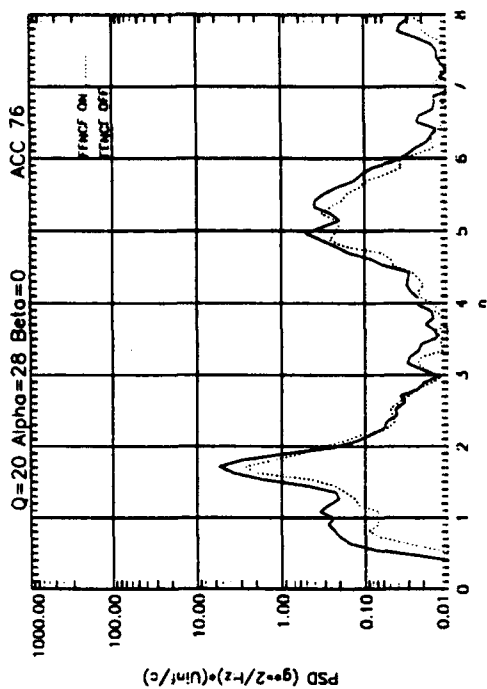












**Pressure Coefficient Differential  
Power Spectral Densities**

(In dimensional form)

Pressure Transducer Stations 1-36

Test Variable - Angle of Attack (AoA)

AoA = 20, 24, 26, 28, 30, 32, 36, 40 degrees

Test Variable - Dynamic Pressure

$q = 20 \text{ psf}, 33 \text{ psf}$

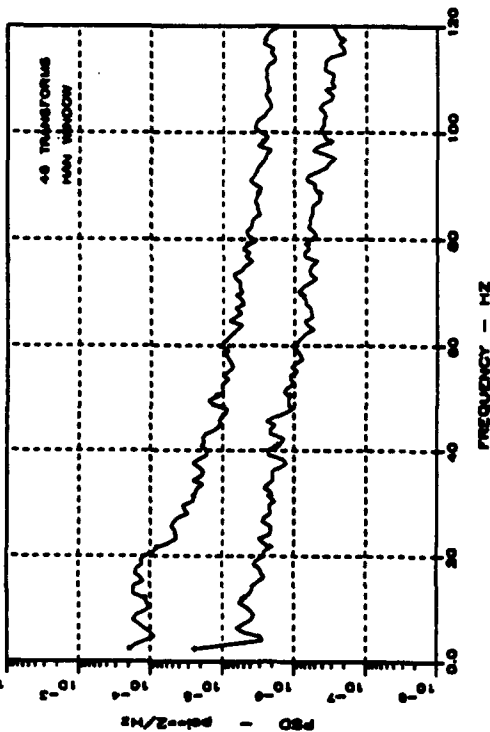
LEX Fence Off and LEX Fence On





# F-16 Tail Buffet Test

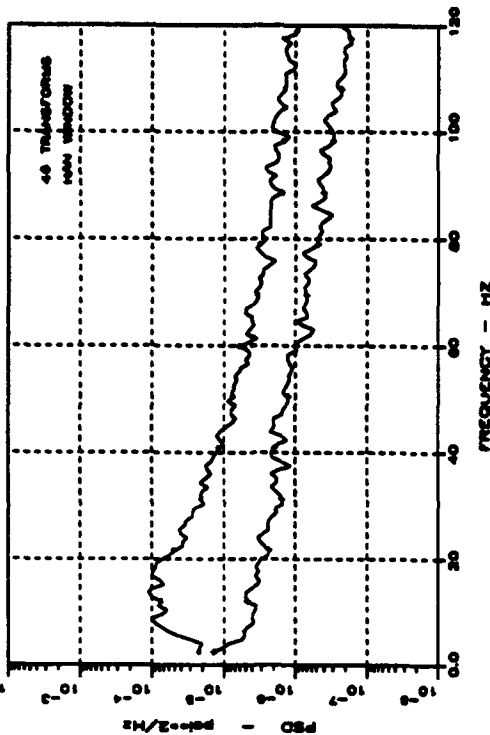
LOC 4 RMS = 0.0812 Record 9: Q-33 Alpha-20 Beta-0 FENCE OFF  
LOC 4 RMS = 0.0136 Record 97: Q-33 Alpha-20 Beta-0 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

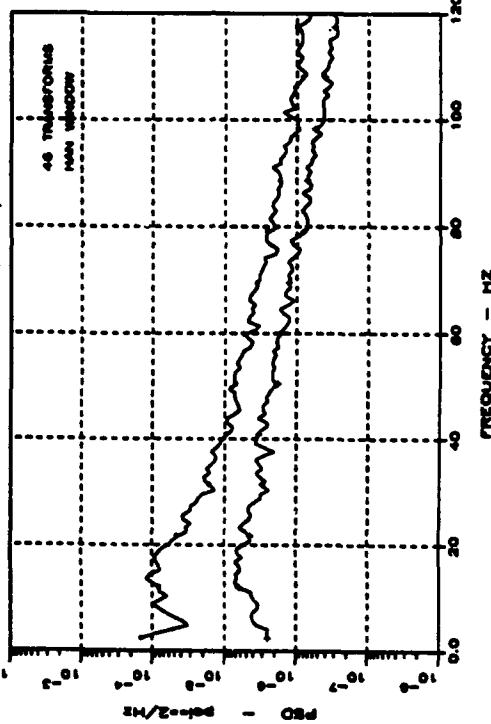
LOC 3 RMS = 0.0496 Record 9: Q-33 Alpha-20 Beta-0 FENCE OFF  
LOC 3 RMS = 0.0136 Record 97: Q-33 Alpha-20 Beta-0 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

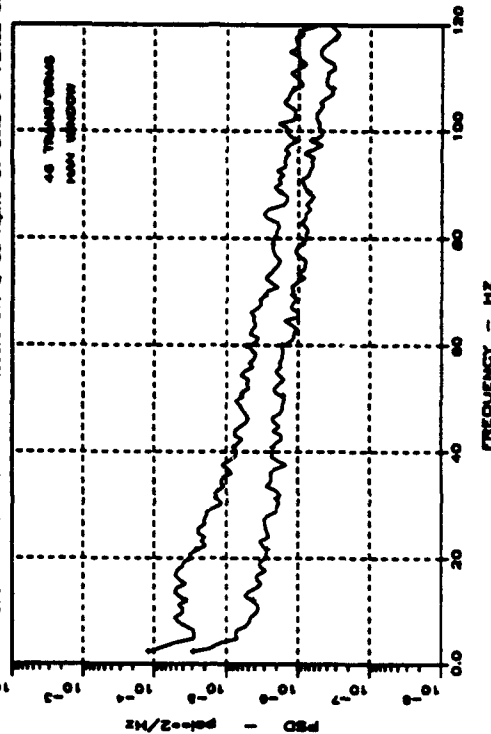
LOC 2 RMS = 0.0471 Record 9: Q-33 Alpha-20 Beta-0 FENCE OFF  
LOC 2 RMS = 0.0161 Record 97: Q-33 Alpha-20 Beta-0 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

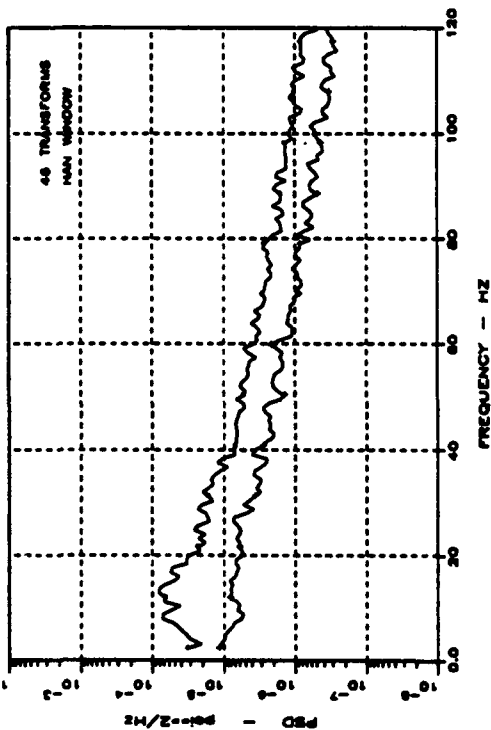
LOC 1 RMS = 0.0376 Record 9: Q-33 Alpha-20 Beta-0 FENCE OFF  
LOC 1 RMS = 0.0157 Record 97: Q-33 Alpha-20 Beta-0 FENCE ON



DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 8 RMS = 0.0365 Record 8: Q=33 Alpha=20 Beta=0 FENCE OFF  
• LOC 9 RMS = 0.0177 Record 9: Q=33 Alpha=20 Beta=0 FENCE ON

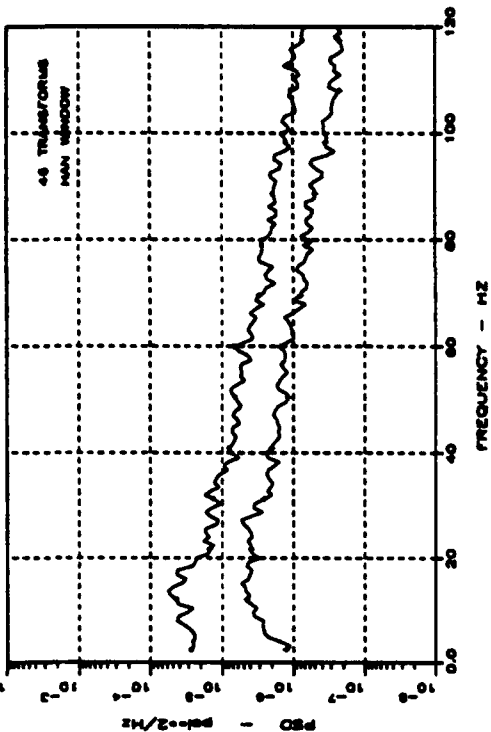


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 7 RMS = 0.0336 Record 8: Q=33 Alpha=20 Beta=0 FENCE OFF  
• LOC 7 RMS = 0.0136 Record 9: Q=33 Alpha=20 Beta=0 FENCE ON

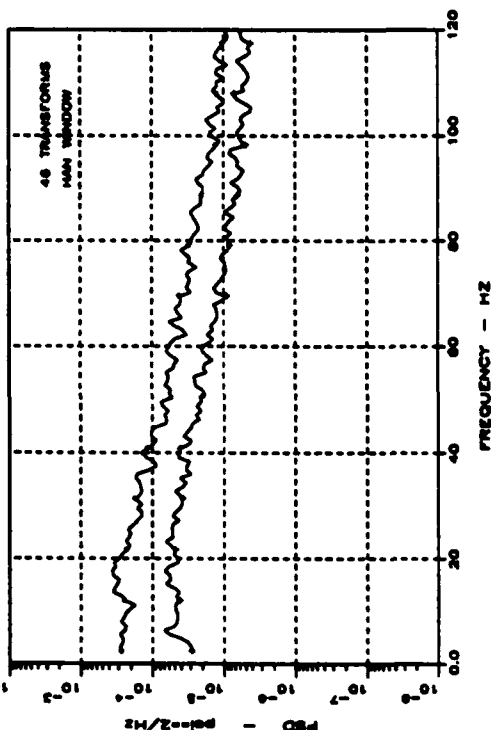


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 6 RMS = 0.106 Record 8: Q=33 Alpha=20 Beta=0 FENCE OFF  
• LOC 6 RMS = 0.0228 Record 9: Q=33 Alpha=20 Beta=0 FENCE ON

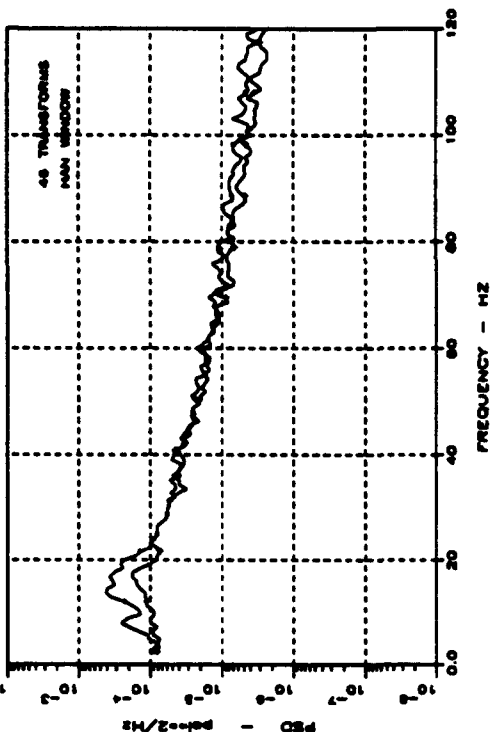


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 5 RMS = 0.0803 Record 8: Q=33 Alpha=20 Beta=0 FENCE OFF  
• LOC 5 RMS = 0.0546 Record 9: Q=33 Alpha=20 Beta=0 FENCE ON

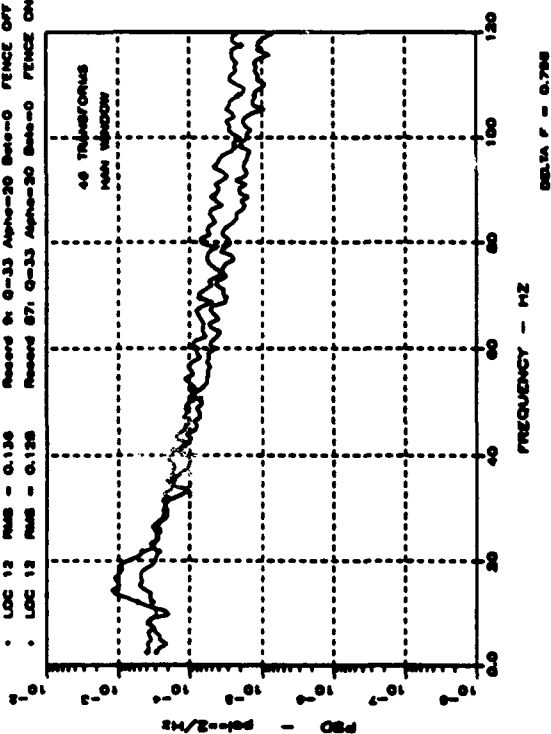


FREQUENCY - HZ

DELTA F = 0.798

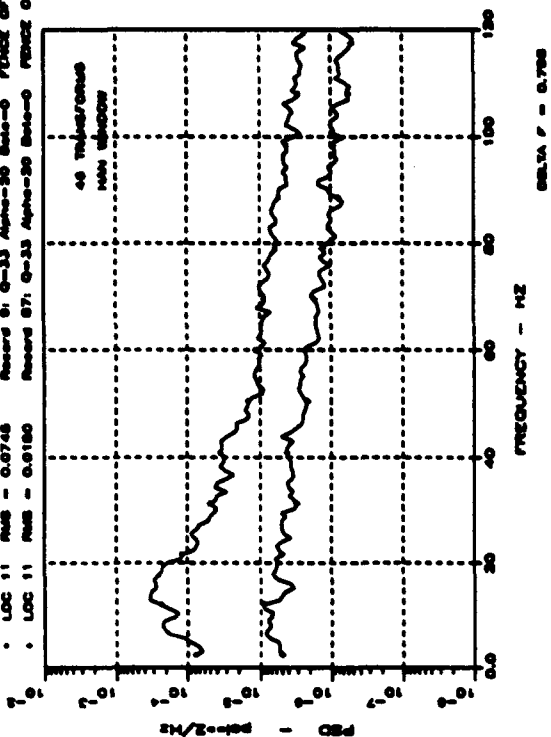
F-10 Tail Buffet Test

LOC 12 RMS = 0.136 Record 9: Q=33 Alpha=20 Beta=0 FENCE OFF  
LOC 12 RMS = 0.128 Record 87: Q=33 Alpha=20 Beta=0 FENCE ON



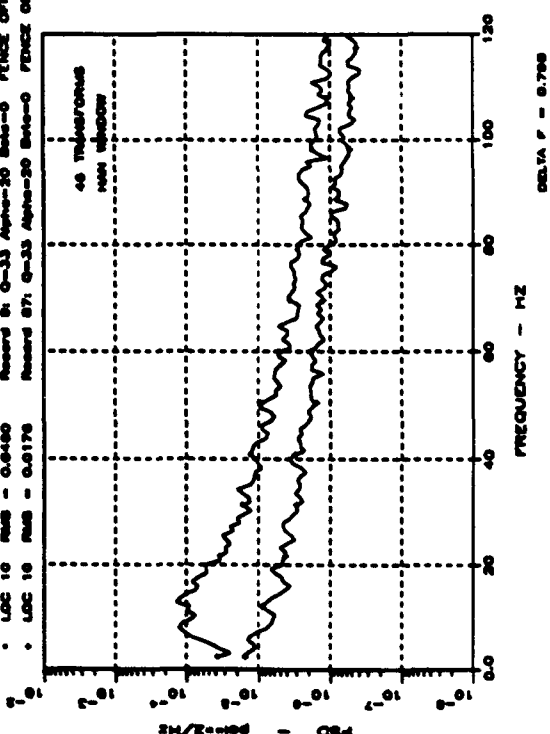
F-10 Tail Buffet Test

LOC 11 RMS = 0.0748 Record 9: Q=33 Alpha=20 Beta=0 FENCE OFF  
LOC 11 RMS = 0.0180 Record 87: Q=33 Alpha=20 Beta=0 FENCE ON



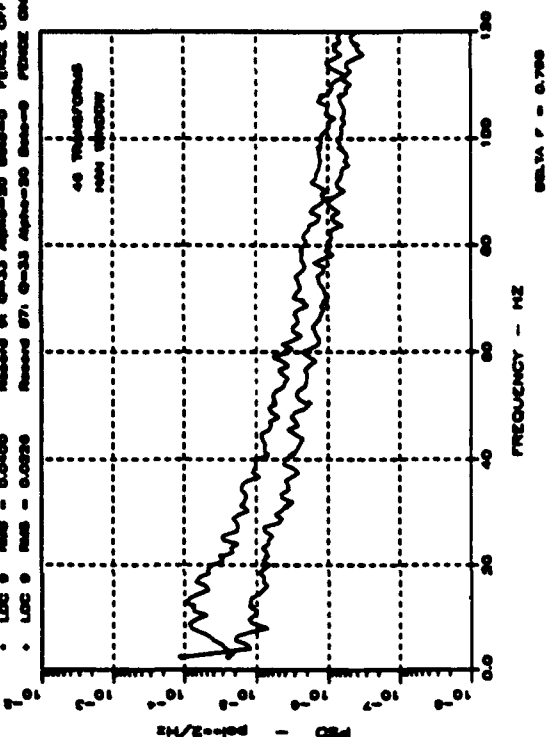
F-10 Tail Buffet Test

LOC 10 RMS = 0.0480 Record 9: Q=33 Alpha=20 Beta=0 FENCE OFF  
LOC 10 RMS = 0.0176 Record 87: Q=33 Alpha=20 Beta=0 FENCE ON



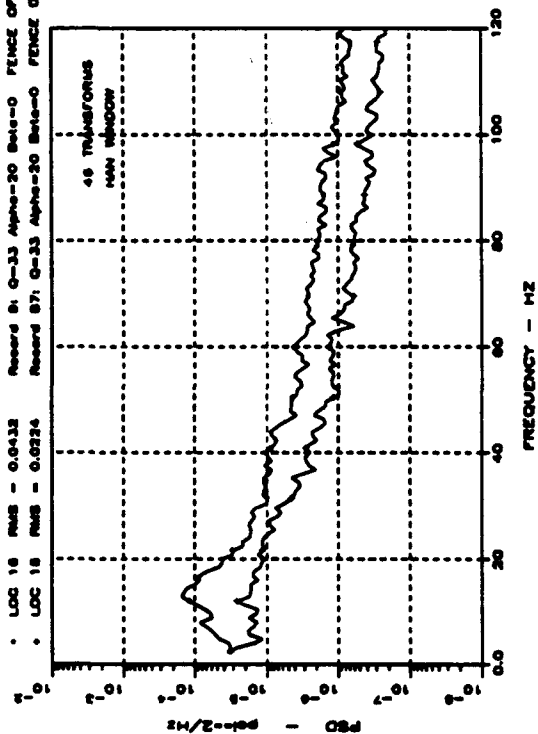
F-10 Tail Buffet Test

LOC 9 RMS = 0.0400 Record 9: Q=33 Alpha=20 Beta=0 FENCE OFF  
LOC 9 RMS = 0.0220 Record 87: Q=33 Alpha=20 Beta=0 FENCE ON



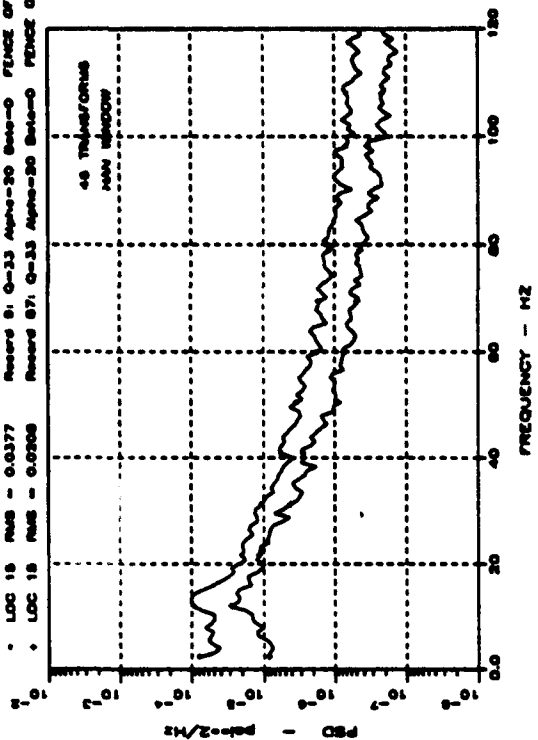
# F-16 Tail Buffet Test

• LOC 16 RMS = 0.0432 Record 81, Q=33 Alpha=20 Beta=0 FENCE OFF  
• LOC 16 RMS = 0.0224 Record 87, Q=33 Alpha=20 Beta=0 FENCE ON



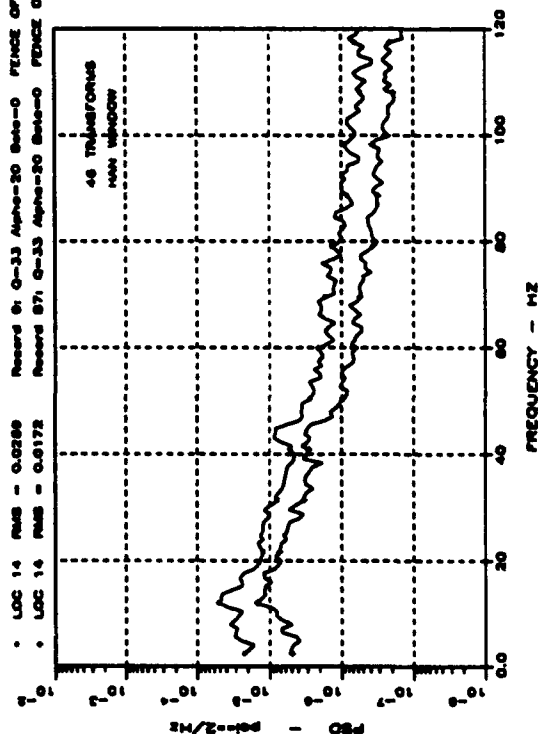
# F-16 Tail Buffet Test

• LOC 16 RMS = 0.0377 Record 81, Q=33 Alpha=20 Beta=0 FENCE OFF  
• LOC 16 RMS = 0.0208 Record 87, Q=33 Alpha=20 Beta=0 FENCE ON



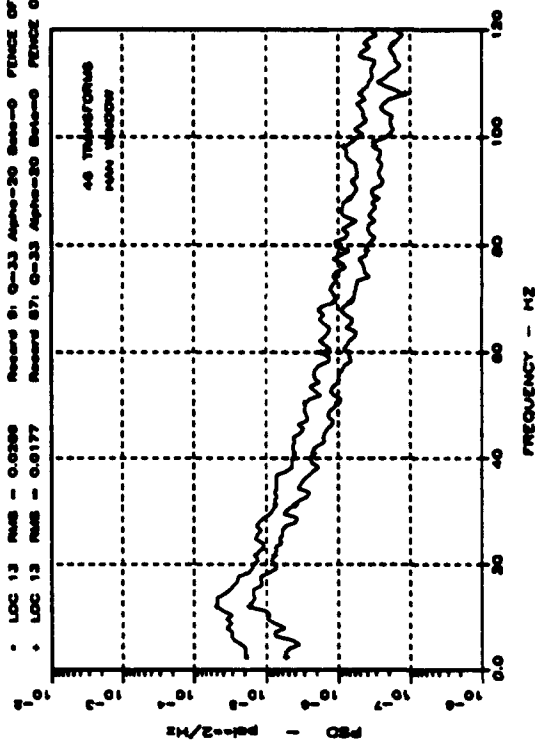
# F-16 Tail Buffet Test

• LOC 14 RMS = 0.0289 Record 81, Q=33 Alpha=20 Beta=0 FENCE OFF  
• LOC 14 RMS = 0.0172 Record 87, Q=33 Alpha=20 Beta=0 FENCE ON



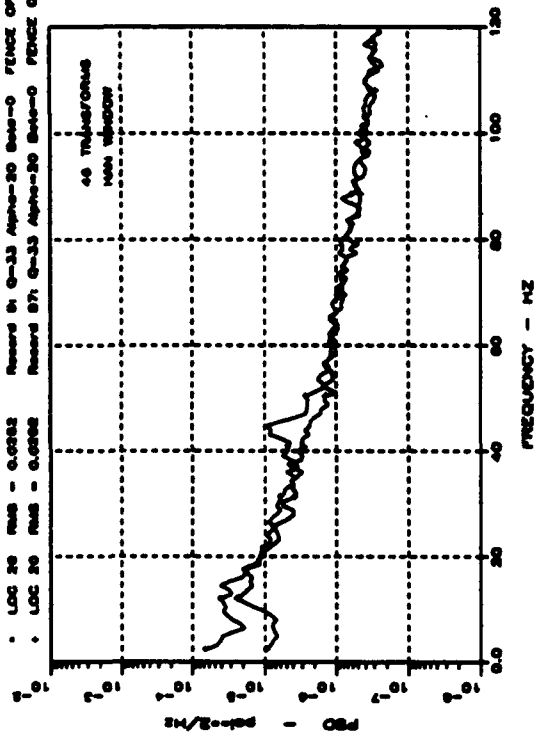
# F-16 Tail Buffet Test

• LOC 13 RMS = 0.0288 Record 81, Q=33 Alpha=20 Beta=0 FENCE OFF  
• LOC 13 RMS = 0.0177 Record 87, Q=33 Alpha=20 Beta=0 FENCE ON



F-16 Tail Buffet Test

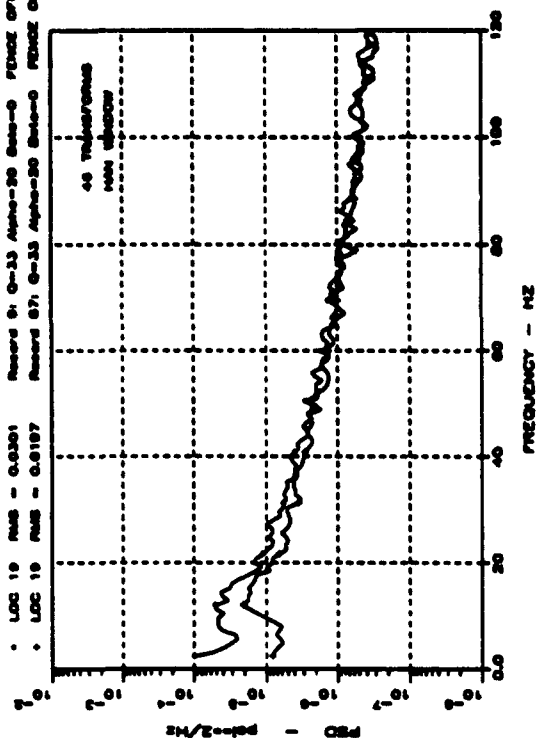
• LOC 26 RMS = 0.0082 Record 9: Q-33 Alpha-20 Beta-0 FENCE OFF  
 • LOC 26 RMS = 0.0082 Record 97: Q-33 Alpha-20 Beta-0 FENCE ON



DELTA P = 0.798

F-16 Tail Buffet Test

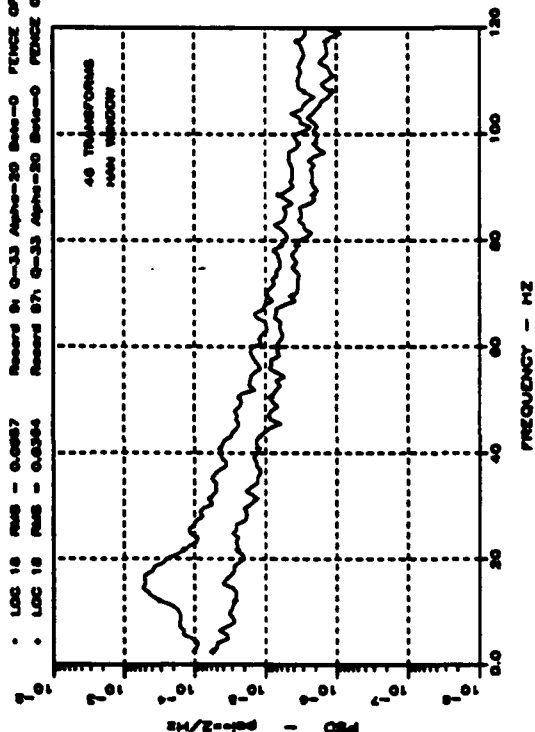
• LOC 19 RMS = 0.0301 Record 9: Q-33 Alpha-20 Beta-0 FENCE OFF  
 • LOC 19 RMS = 0.0197 Record 97: Q-33 Alpha-20 Beta-0 FENCE ON



DELTA P = 0.798

F-16 Tail Buffet Test

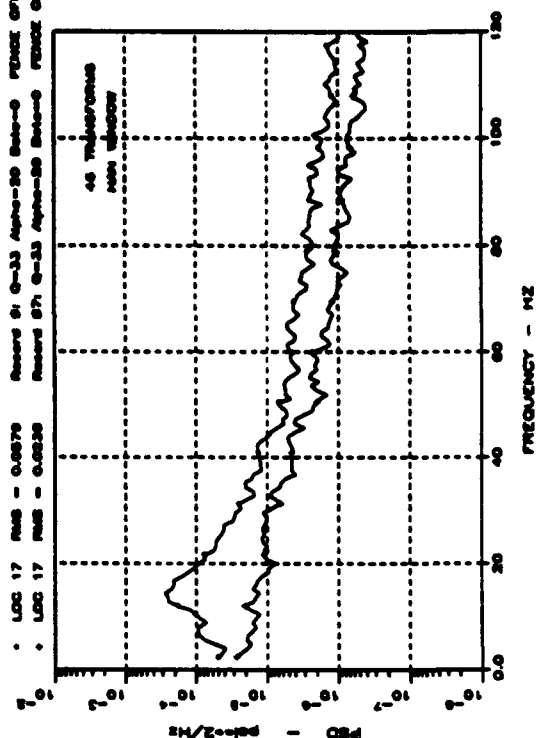
• LOC 16 RMS = 0.0087 Record 9: Q-33 Alpha-20 Beta-0 FENCE OFF  
 • LOC 16 RMS = 0.0304 Record 97: Q-33 Alpha-20 Beta-0 FENCE ON



DELTA P = 0.798

F-16 Tail Buffet Test

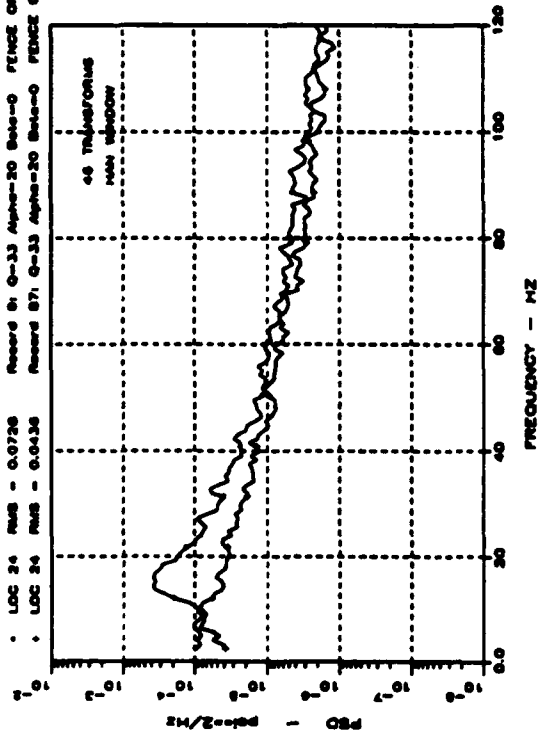
• LOC 17 RMS = 0.0079 Record 9: Q-33 Alpha-20 Beta-0 FENCE OFF  
 • LOC 17 RMS = 0.0338 Record 97: Q-33 Alpha-20 Beta-0 FENCE ON



DELTA P = 0.798

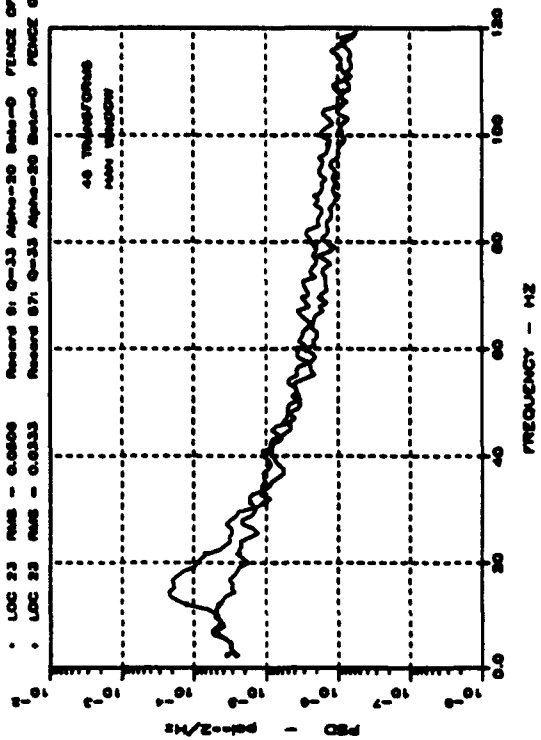
# F-16 Tail Buffet Test

LOC 24 RMS = 0.0736 Record 81 Q-33 Alpha-20 Beta-0 FENCE OFF  
LOC 24 RMS = 0.0436 Record 871 Q-33 Alpha-20 Beta-0 FENCE ON



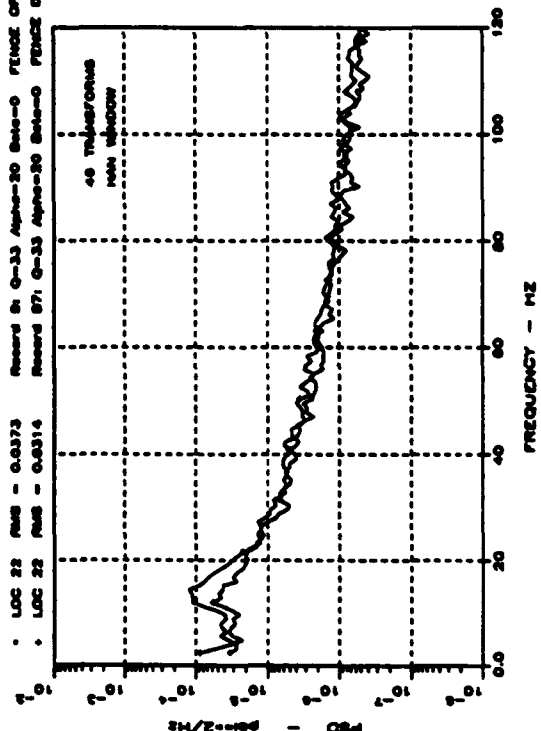
# F-16 Tail Buffet Test

LOC 23 RMS = 0.0006 Record 81 Q-33 Alpha-20 Beta-0 FENCE OFF  
LOC 23 RMS = 0.0333 Record 871 Q-33 Alpha-20 Beta-0 FENCE ON



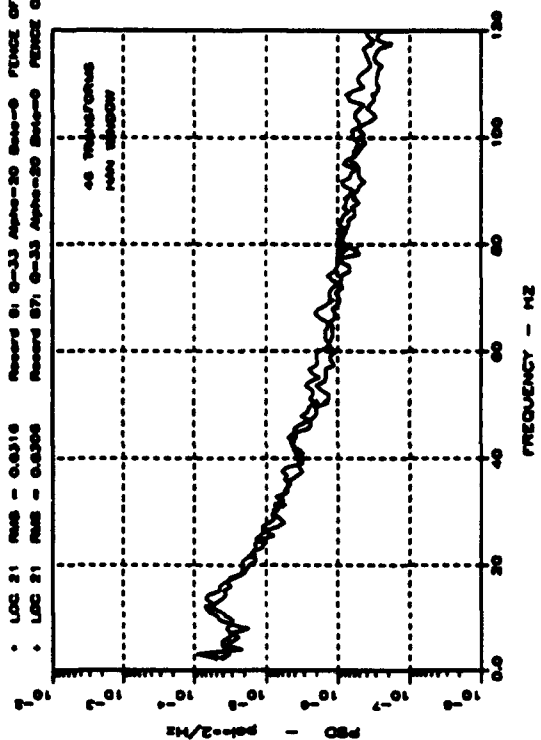
# F-16 Tail Buffet Test

LOC 22 RMS = 0.0373 Record 81 Q-33 Alpha-20 Beta-0 FENCE OFF  
LOC 22 RMS = 0.0314 Record 871 Q-33 Alpha-20 Beta-0 FENCE ON



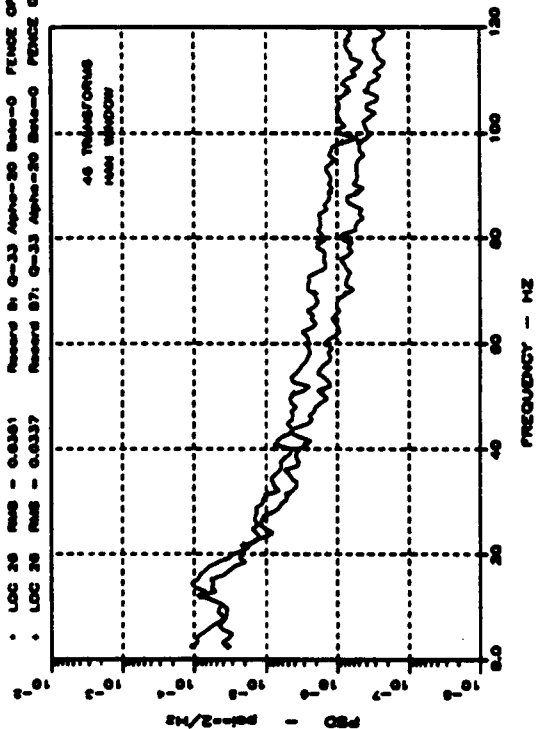
# F-16 Tail Buffet Test

LOC 21 RMS = 0.0316 Record 81 Q-33 Alpha-20 Beta-0 FENCE OFF  
LOC 21 RMS = 0.0306 Record 871 Q-33 Alpha-20 Beta-0 FENCE ON



F-16 Tail Buffet Test

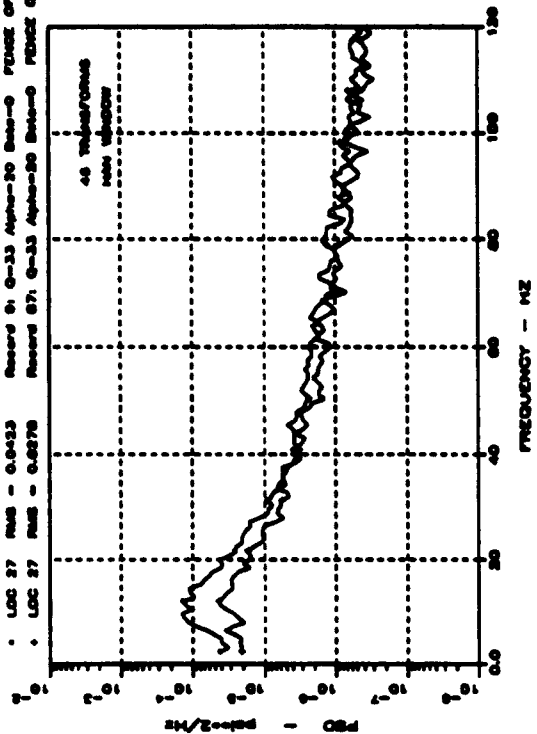
• LOC 26 RMS = 0.0351 Record 81 Q-33 Alpha-20 Beta-0 FENCE OFF  
 • LOC 26 RMS = 0.0337 Record 871 Q-33 Alpha-20 Beta-0 FENCE ON



DELTA F = 0.700

F-16 Tail Buffet Test

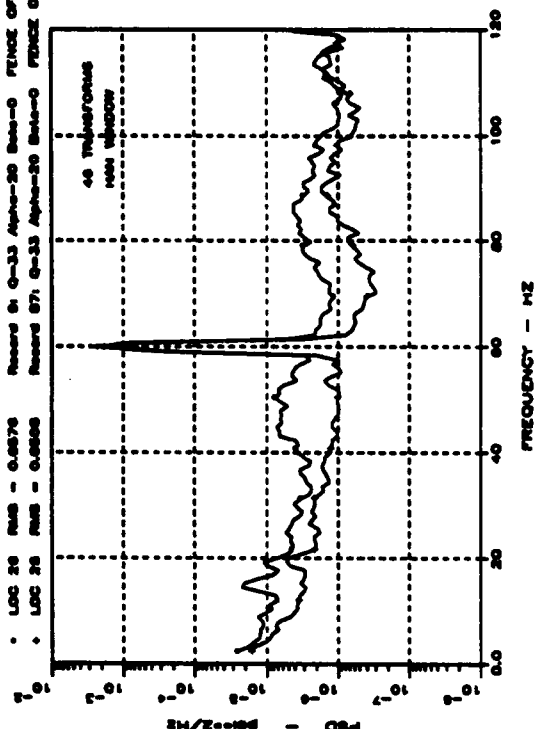
• LOC 27 RMS = 0.0423 Record 81 Q-33 Alpha-20 Beta-0 FENCE OFF  
 • LOC 27 RMS = 0.0378 Record 871 Q-33 Alpha-20 Beta-0 FENCE ON



DELTA F = 0.700

F-16 Tail Buffet Test

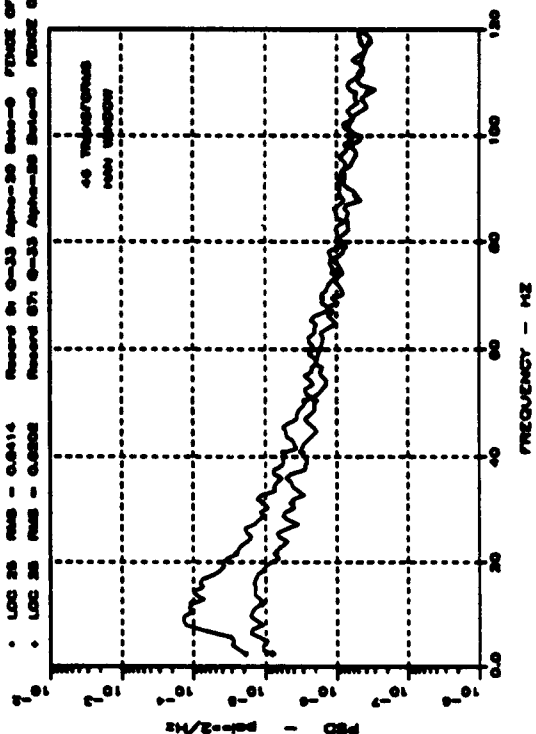
• LOC 26 RMS = 0.0376 Record 81 Q-33 Alpha-20 Beta-0 FENCE OFF  
 • LOC 26 RMS = 0.0306 Record 871 Q-33 Alpha-20 Beta-0 FENCE ON



DELTA F = 0.700

F-16 Tail Buffet Test

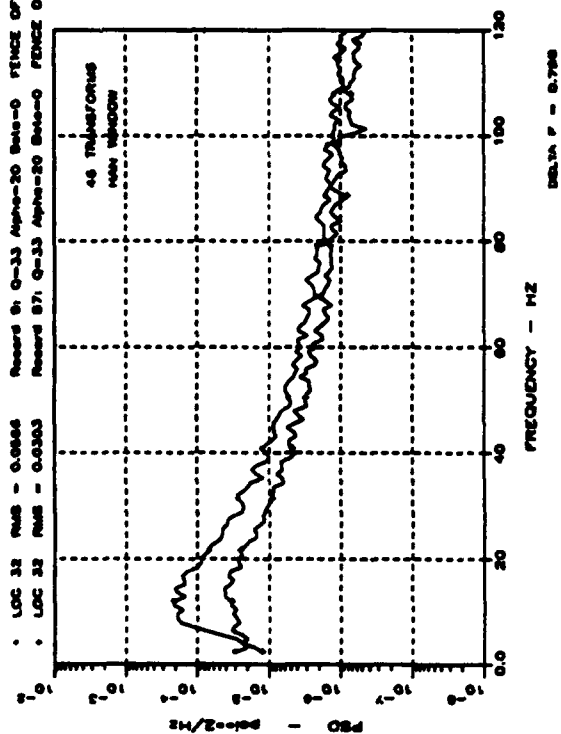
• LOC 26 RMS = 0.0414 Record 81 Q-33 Alpha-20 Beta-0 FENCE OFF  
 • LOC 26 RMS = 0.0302 Record 871 Q-33 Alpha-20 Beta-0 FENCE ON



DELTA F = 0.700

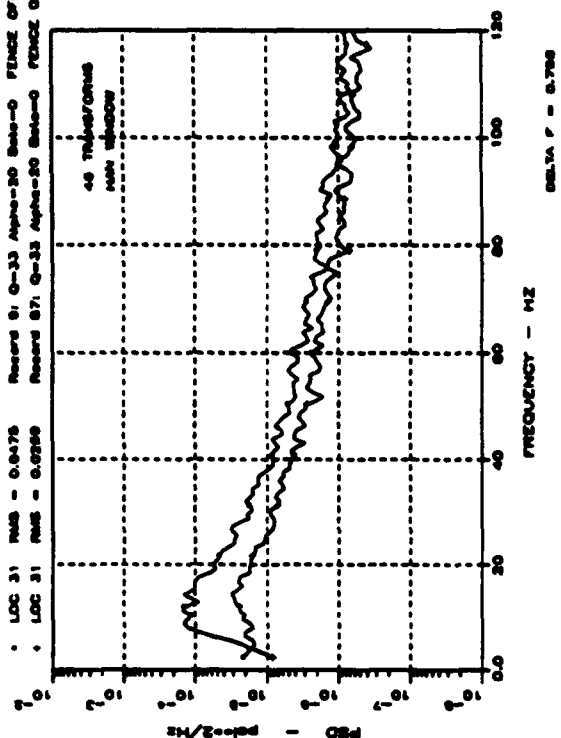
F-16 Test Buffet Test

LOC 32 RMS = 0.0066 Record 8: Q=33 Alpha=20 Beta=0 FENCE OFF  
 LOC 32 RMS = 0.0303 Record 87: Q=33 Alpha=20 Beta=0 FENCE ON



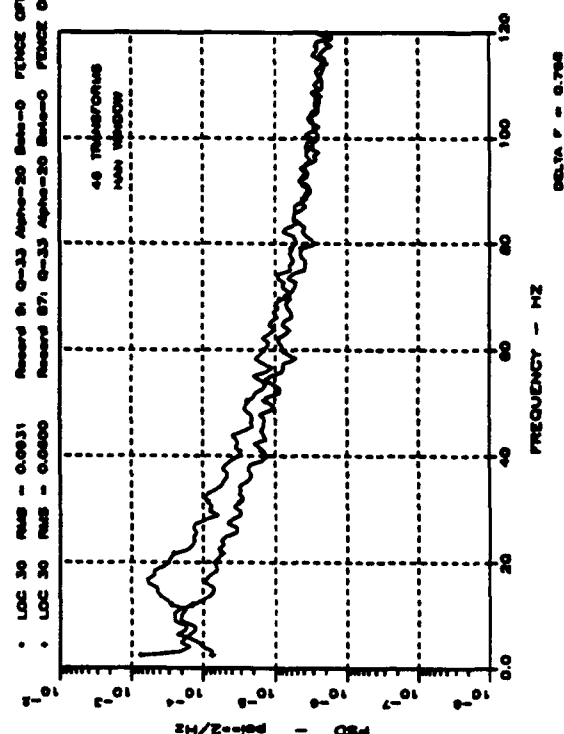
F-16 Test Buffet Test

LOC 31 RMS = 0.0475 Record 8: Q=33 Alpha=20 Beta=0 FENCE OFF  
 LOC 31 RMS = 0.0289 Record 87: Q=33 Alpha=20 Beta=0 FENCE ON



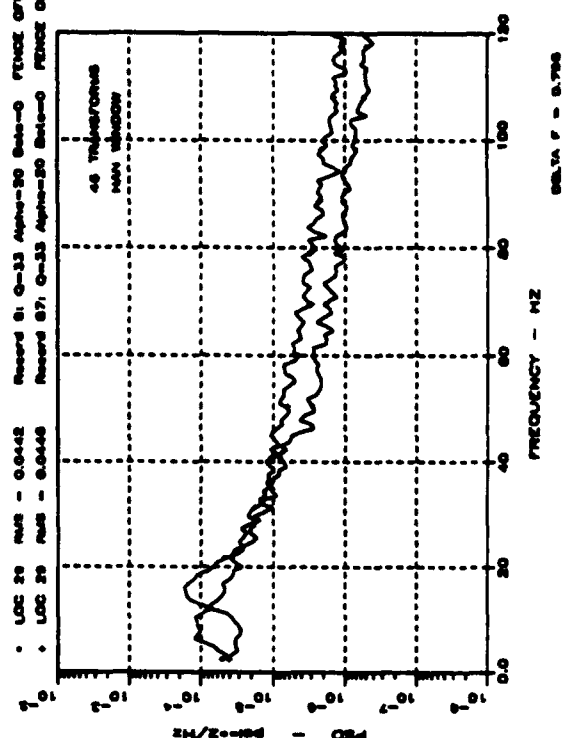
F-16 Test Buffet Test

LOC 30 RMS = 0.0031 Record 8: Q=33 Alpha=20 Beta=0 FENCE OFF  
 LOC 30 RMS = 0.0000 Record 87: Q=33 Alpha=20 Beta=0 FENCE ON



F-16 Test Buffet Test

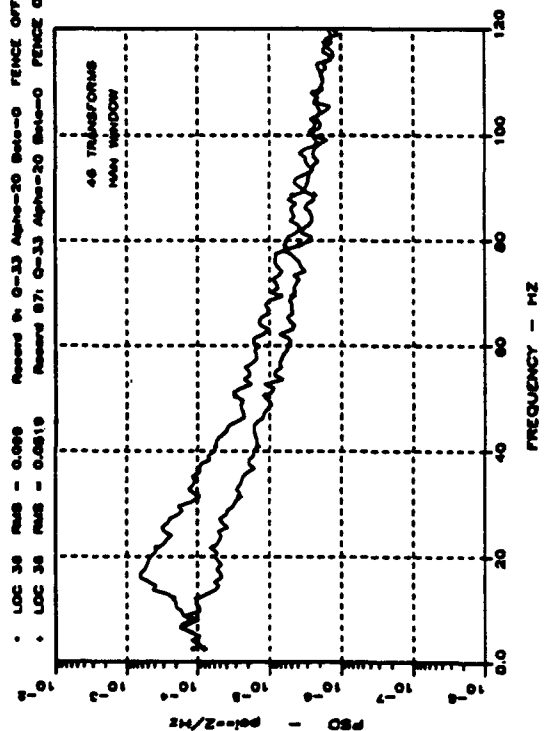
LOC 29 RMS = 0.0442 Record 8: Q=33 Alpha=20 Beta=0 FENCE OFF  
 LOC 29 RMS = 0.0446 Record 87: Q=33 Alpha=20 Beta=0 FENCE ON





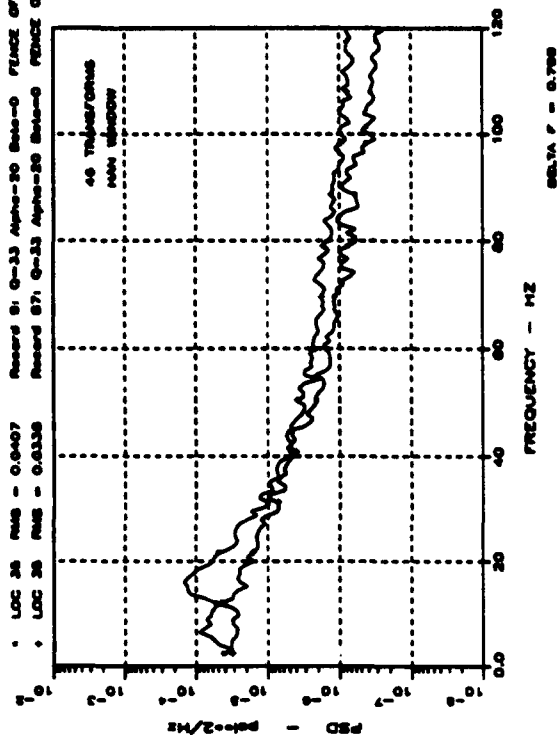
# F-18 Tail Buffet Test

LOC 36 RMS = 0.008 Record 9: Q-33 Alpha-20 Beta-0 FENCE OFF  
LOC 36 RMS = 0.0319 Record 87: Q-33 Alpha-20 Beta-0 FENCE ON



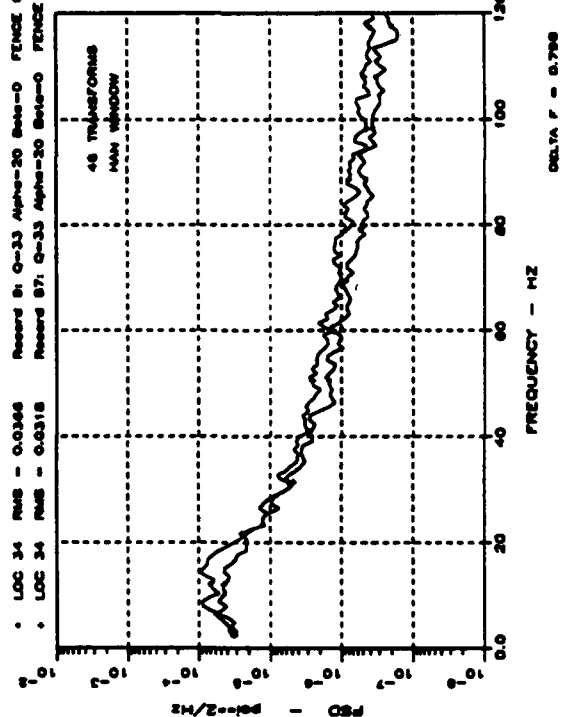
# F-18 Tail Buffet Test

LOC 36 RMS = 0.0407 Record 9: Q-33 Alpha-20 Beta-0 FENCE OFF  
LOC 36 RMS = 0.0338 Record 87: Q-33 Alpha-20 Beta-0 FENCE ON



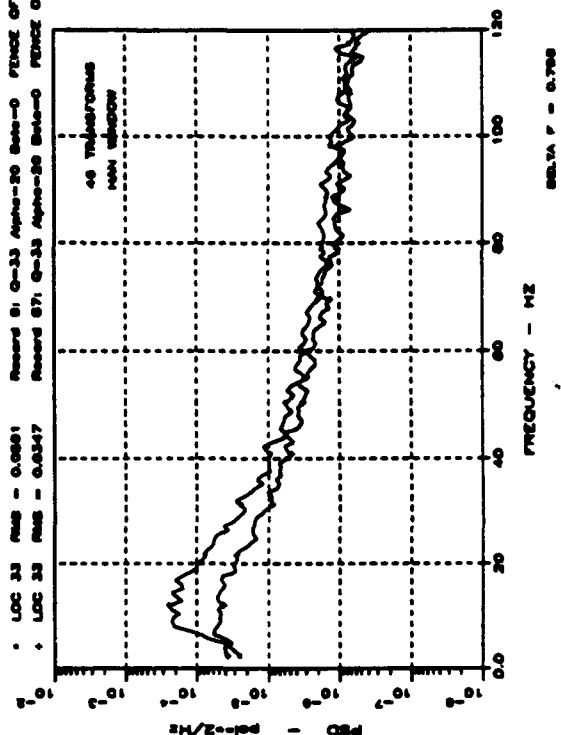
# F-18 Tail Buffet Test

LOC 34 RMS = 0.0346 Record 9: Q-33 Alpha-20 Beta-0 FENCE OFF  
LOC 34 RMS = 0.0318 Record 87: Q-33 Alpha-20 Beta-0 FENCE ON



# F-18 Tail Buffet Test

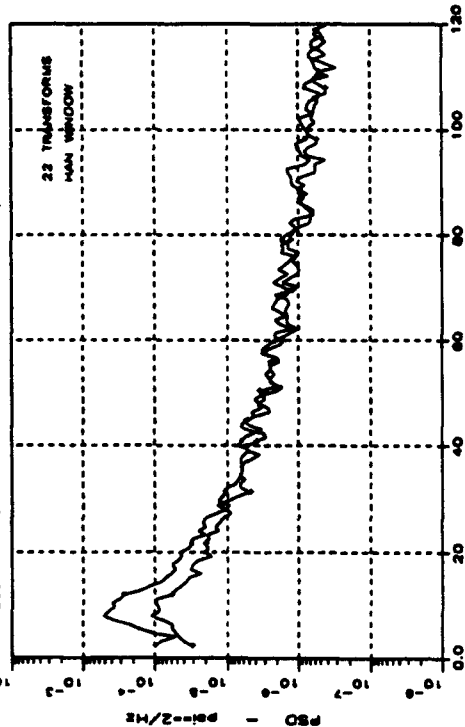
LOC 33 RMS = 0.0891 Record 9: Q-33 Alpha-20 Beta-0 FENCE OFF  
LOC 33 RMS = 0.0347 Record 87: Q-33 Alpha-20 Beta-0 FENCE ON





# F-18 Tail Buffet Test

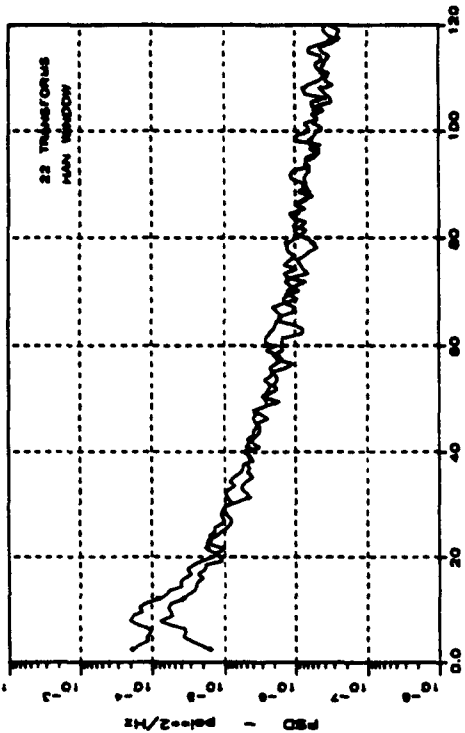
LOC 4 RMS = 0.0808 Record 11: Q-33 Alpha-24 Beta=0 FENCE OFF  
LOC 4 RMS = 0.0388 Record 90: Q-33 Alpha-24 Beta=0 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

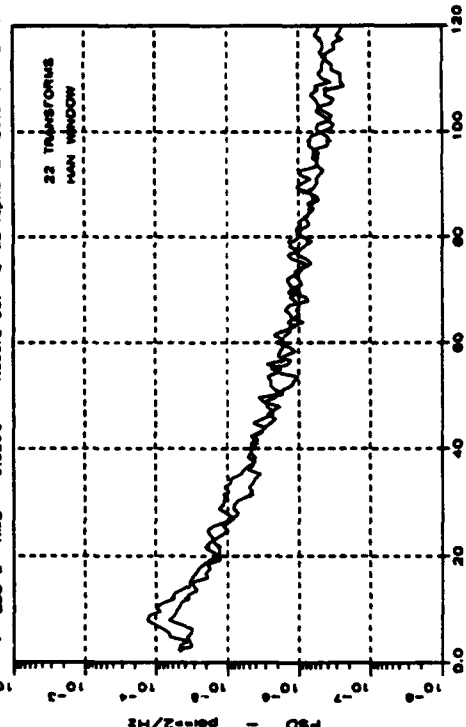
LOC 3 RMS = 0.0484 Record 11: Q-33 Alpha-24 Beta=0 FENCE OFF  
LOC 3 RMS = 0.0297 Record 90: Q-33 Alpha-24 Beta=0 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

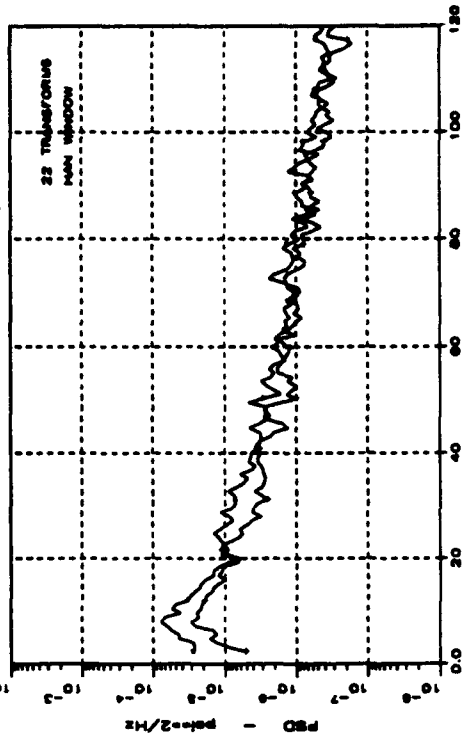
LOC 2 RMS = 0.0372 Record 11: Q-33 Alpha-24 Beta=0 FENCE OFF  
LOC 2 RMS = 0.0296 Record 90: Q-33 Alpha-24 Beta=0 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

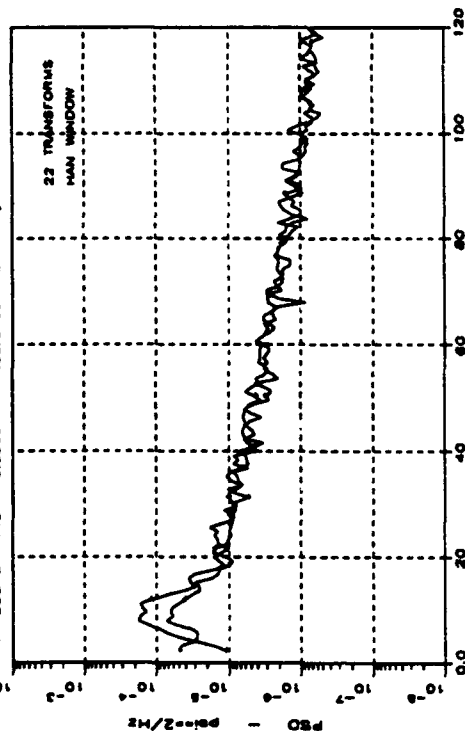
LOC 1 RMS = 0.0300 Record 11: Q-33 Alpha-24 Beta=0 FENCE OFF  
LOC 1 RMS = 0.0213 Record 90: Q-33 Alpha-24 Beta=0 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

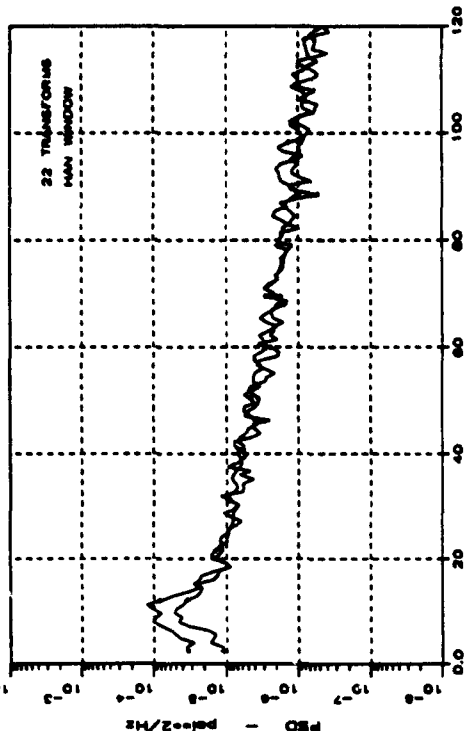
LOC 8 RMS = 0.0413 Record 11: Q=33 Alpha=24 Beta=0 FENCE OFF  
 LOC 8 RMS = 0.0308 Record 90: Q=33 Alpha=24 Beta=0 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

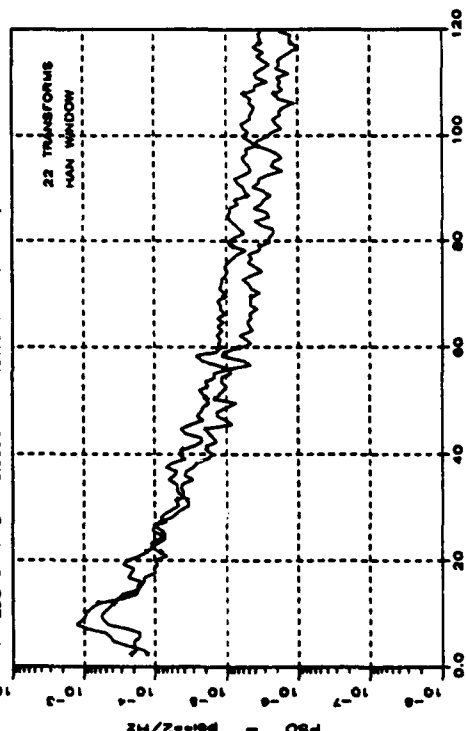
LOC 7 RMS = 0.0383 Record 11: Q=33 Alpha=24 Beta=0 FENCE OFF  
 LOC 7 RMS = 0.0284 Record 90: Q=33 Alpha=24 Beta=0 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

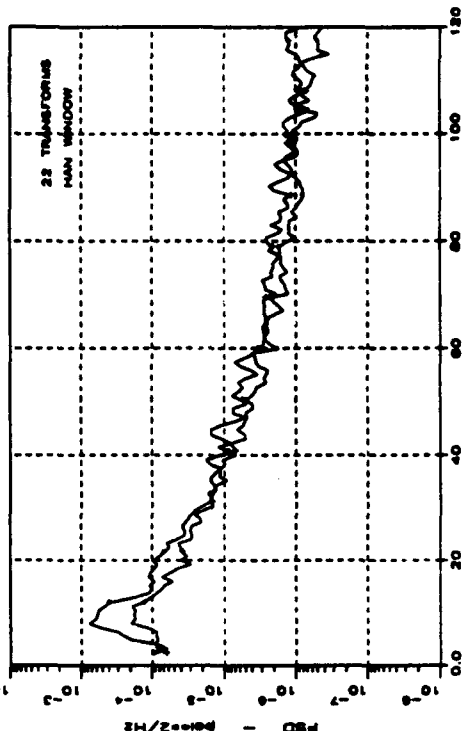
LOC 6 RMS = 0.100 Record 11: Q=33 Alpha=24 Beta=0 FENCE OFF  
 LOC 6 RMS = 0.0833 Record 90: Q=33 Alpha=24 Beta=0 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

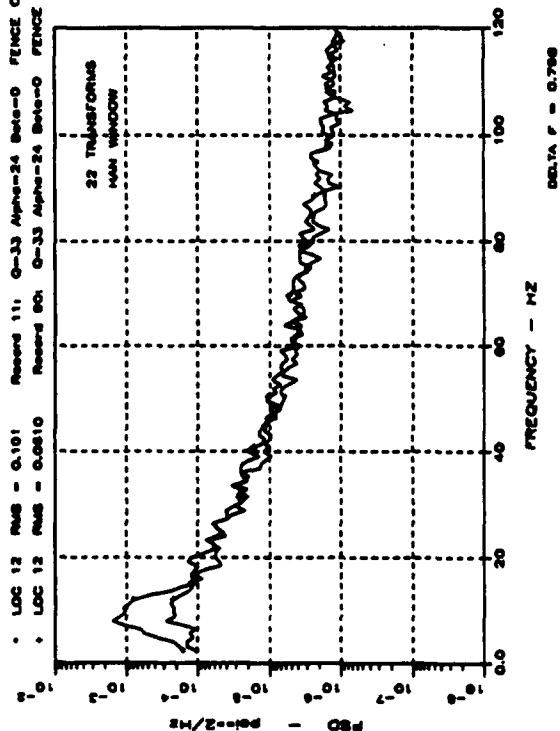
LOC 5 RMS = 0.0744 Record 11: Q=33 Alpha=24 Beta=0 FENCE OFF  
 LOC 5 RMS = 0.0603 Record 90: Q=33 Alpha=24 Beta=0 FENCE ON



DELTA F = 0.798

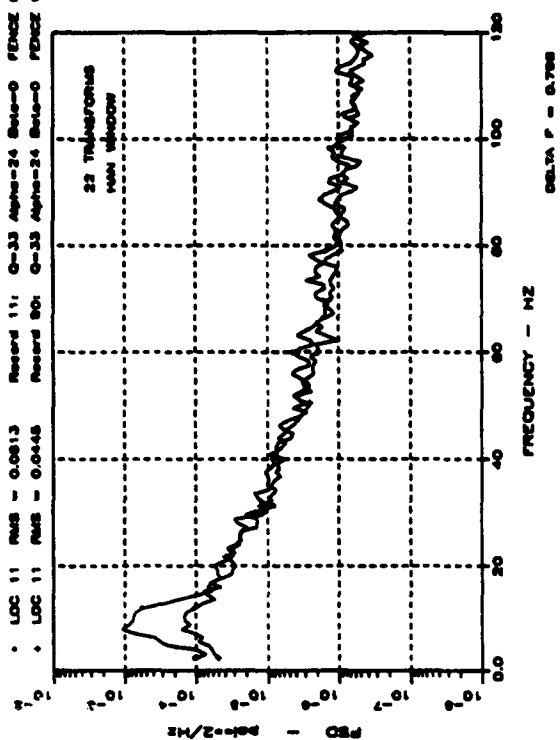
# F-18 Tail Buffet Test

• LOC 12 RMS = 0.101 Record 11: Q-33 Alpha-24 Beta-0 FENCE OFF  
 • LOC 12 RMS = 0.0810 Record 80: Q-33 Alpha-24 Beta-0 FENCE ON



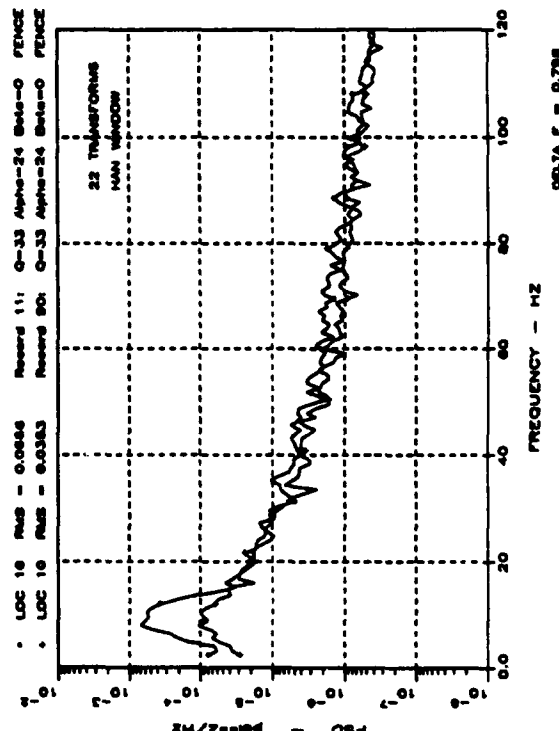
# F-18 Tail Buffet Test

• LOC 11 RMS = 0.0813 Record 11: Q-33 Alpha-24 Beta-0 FENCE OFF  
 • LOC 11 RMS = 0.0445 Record 80: Q-33 Alpha-24 Beta-0 FENCE ON



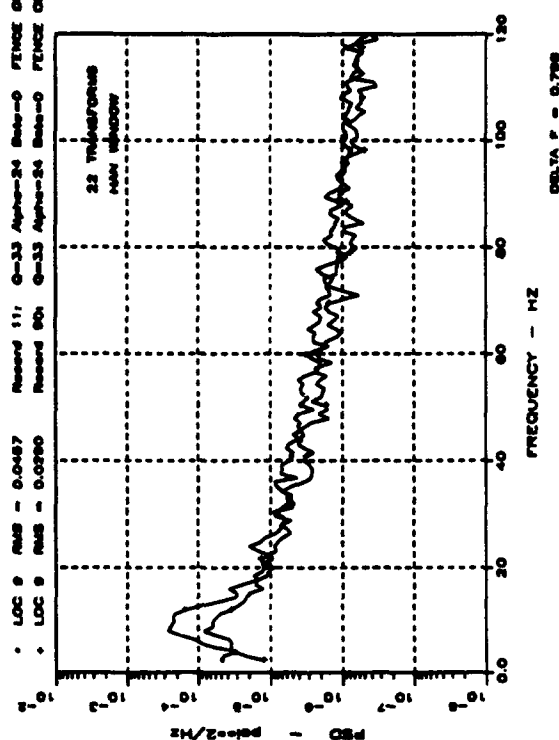
# F-18 Tail Buffet Test

• LOC 10 RMS = 0.0664 Record 11: Q-33 Alpha-24 Beta-0 FENCE OFF  
 • LOC 10 RMS = 0.0363 Record 80: Q-33 Alpha-24 Beta-0 FENCE ON



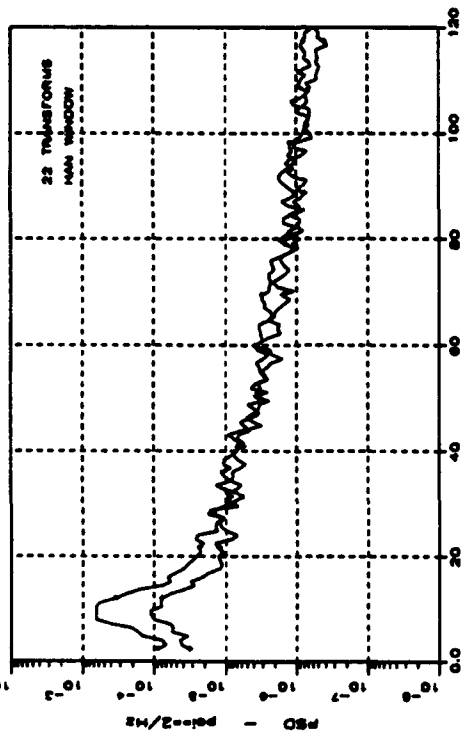
# F-18 Tail Buffet Test

• LOC 9 RMS = 0.0487 Record 11: Q-33 Alpha-24 Beta-0 FENCE OFF  
 • LOC 9 RMS = 0.0260 Record 80: Q-33 Alpha-24 Beta-0 FENCE ON



# F-16 Tail Buffet Test

LOC 16 RMS = 0.0885 Record 11: Q-33 Alpha-24 Beta-0 FENCE OFF  
LOC 16 RMS = 0.0383 Record 90: Q-33 Alpha-24 Beta-0 FENCE ON

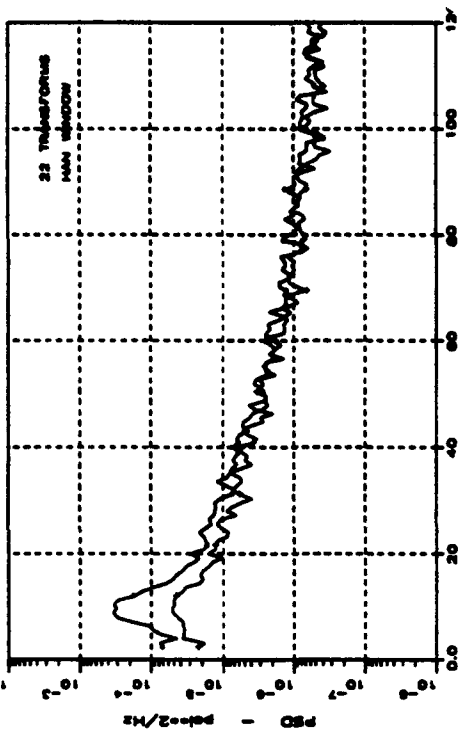


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 16 RMS = 0.0822 Record 11: Q-33 Alpha-24 Beta-0 FENCE OFF  
LOC 16 RMS = 0.0286 Record 90: Q-33 Alpha-24 Beta-0 FENCE ON

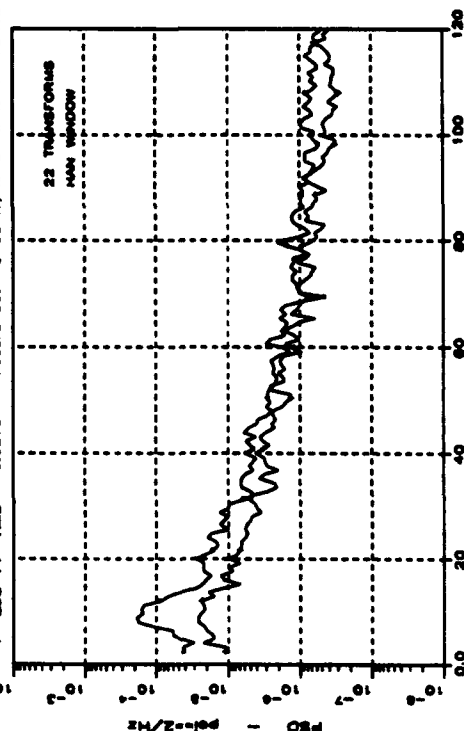


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 14 RMS = 0.0401 Record 11: Q-33 Alpha-24 Beta-0 FENCE OFF  
LOC 14 RMS = 0.0216 Record 90: Q-33 Alpha-24 Beta-0 FENCE ON

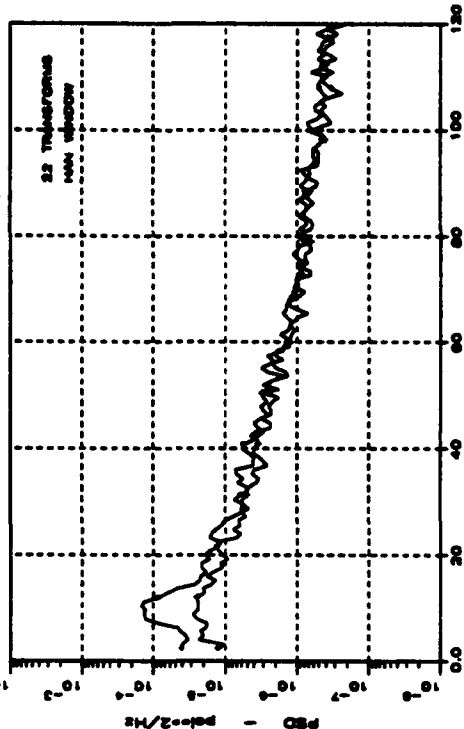


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 13 RMS = 0.0366 Record 11: Q-33 Alpha-24 Beta-0 FENCE OFF  
LOC 13 RMS = 0.0234 Record 90: Q-33 Alpha-24 Beta-0 FENCE ON

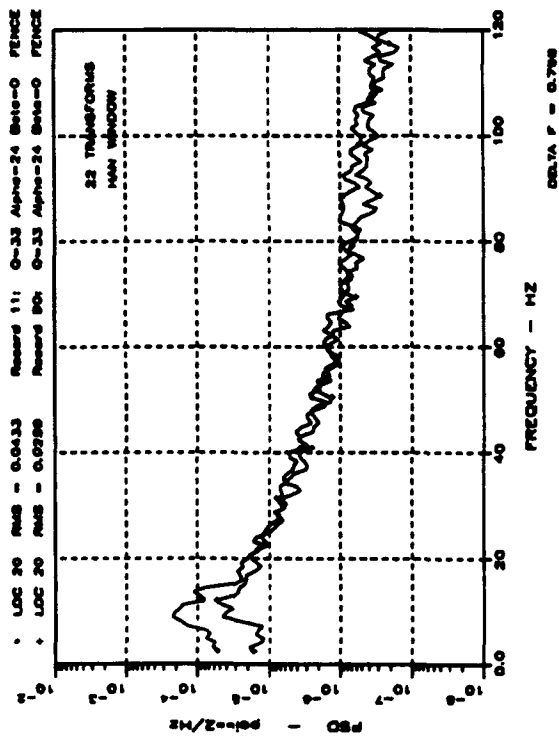


FREQUENCY - HZ

DELTA F = 0.798

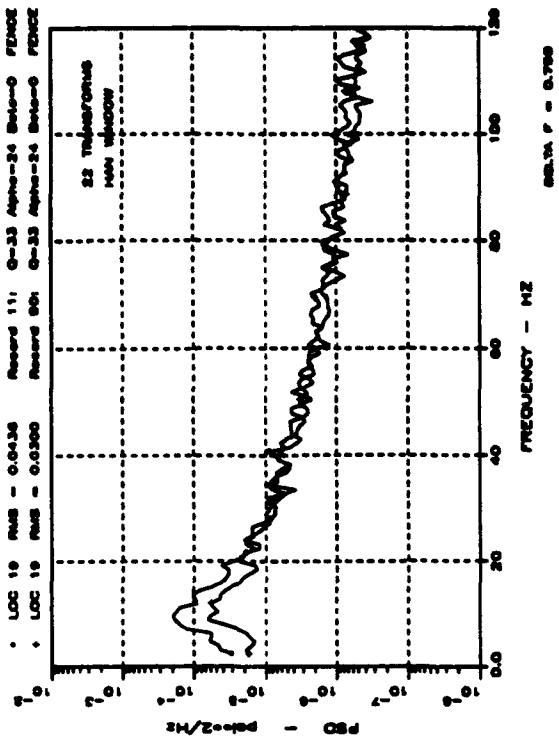
# F-16 Tail Buffet Test

LOC 20 RMS = 0.0433 Record 11: Q-33 Alpha-24 Beta-0 FENCE OFF  
LOC 20 RMS = 0.0299 Record 90: Q-33 Alpha-24 Beta-0 FENCE ON



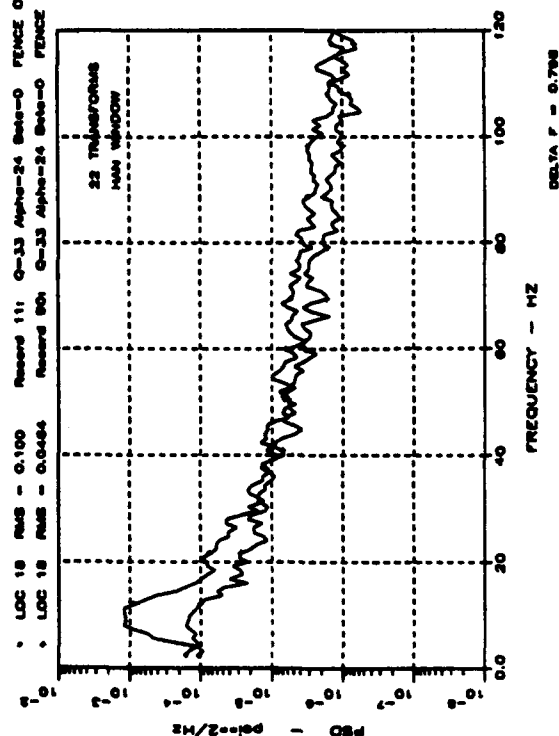
# F-16 Tail Buffet Test

LOC 19 RMS = 0.0436 Record 11: Q-33 Alpha-24 Beta-0 FENCE OFF  
LOC 19 RMS = 0.0300 Record 90: Q-33 Alpha-24 Beta-0 FENCE ON



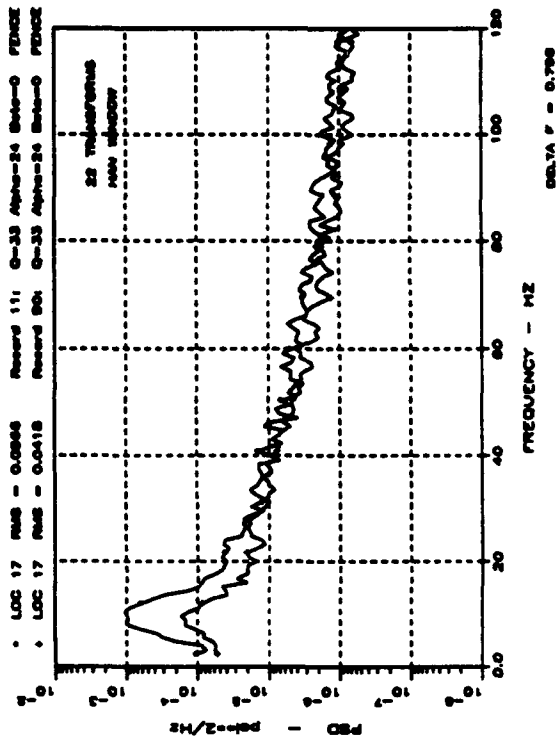
# F-16 Tail Buffet Test

LOC 18 RMS = 0.100 Record 11: Q-33 Alpha-24 Beta-0 FENCE OFF  
LOC 18 RMS = 0.0484 Record 90: Q-33 Alpha-24 Beta-0 FENCE ON



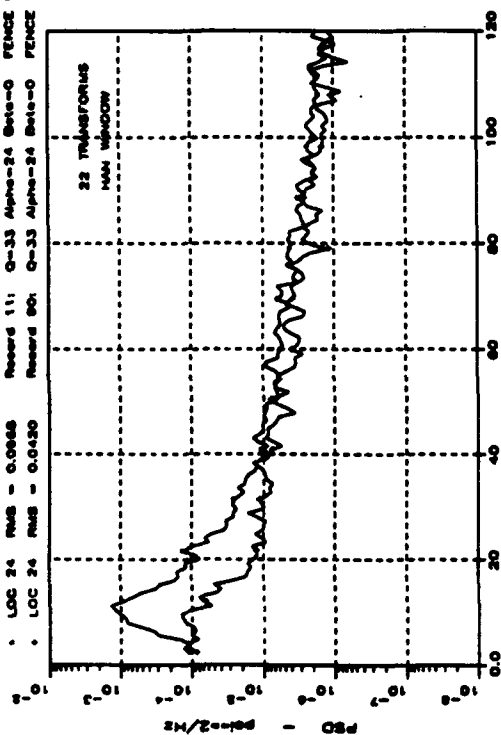
# F-16 Tail Buffet Test

LOC 17 RMS = 0.0866 Record 11: Q-33 Alpha-24 Beta-0 FENCE OFF  
LOC 17 RMS = 0.0418 Record 90: Q-33 Alpha-24 Beta-0 FENCE ON



F-16 Tail Buffet Test

LOC 24 RMS = 0.0065 Record 11: Q-33 Alpha-24 Beta-0 FENCE OFF  
LOC 24 RMS = 0.0430 Record 90: Q-33 Alpha-24 Beta-0 FENCE ON

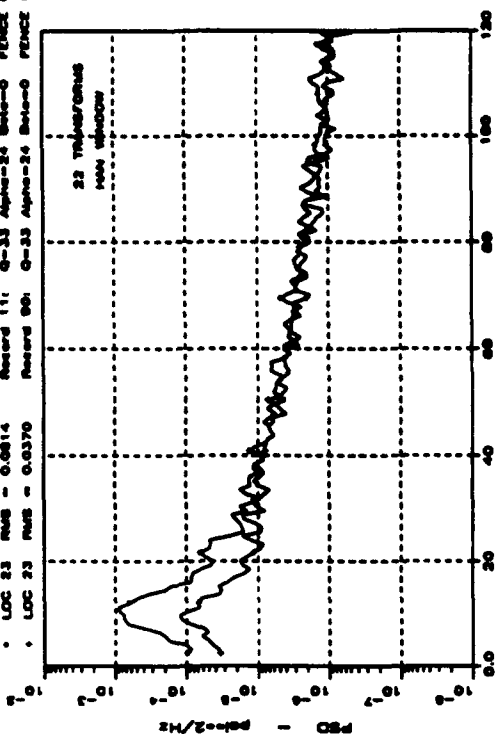


FREQUENCY - HZ

DELTA P = 0.798

F-16 Tail Buffet Test

LOC 23 RMS = 0.0014 Record 11: Q-33 Alpha-24 Beta-0 FENCE OFF  
LOC 23 RMS = 0.0370 Record 90: Q-33 Alpha-24 Beta-0 FENCE ON

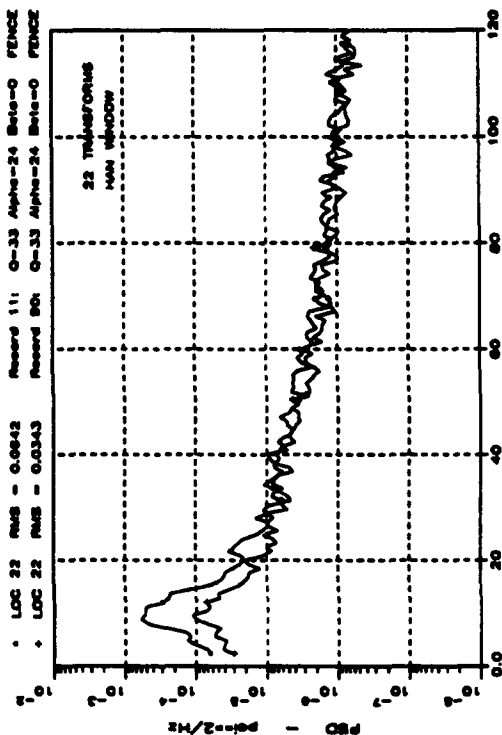


FREQUENCY - HZ

DELTA P = 0.798

F-16 Tail Buffet Test

LOC 22 RMS = 0.0042 Record 11: Q-33 Alpha-24 Beta-0 FENCE OFF  
LOC 22 RMS = 0.0343 Record 90: Q-33 Alpha-24 Beta-0 FENCE ON

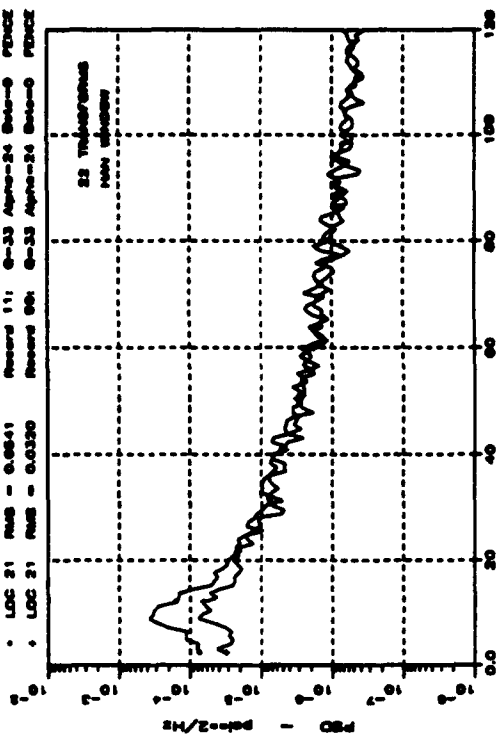


FREQUENCY - HZ

DELTA P = 0.798

F-16 Tail Buffet Test

LOC 21 RMS = 0.0041 Record 11: Q-33 Alpha-24 Beta-0 FENCE OFF  
LOC 21 RMS = 0.0330 Record 90: Q-33 Alpha-24 Beta-0 FENCE ON



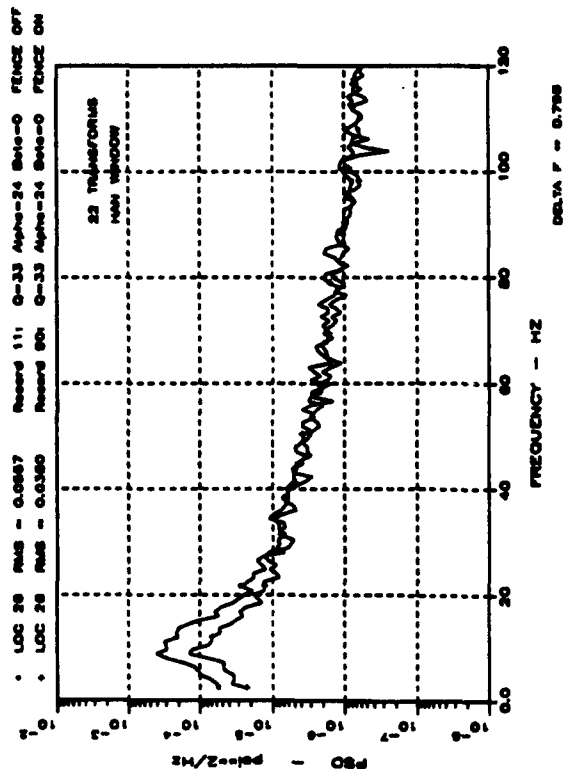
FREQUENCY - HZ

DELTA P = 0.798



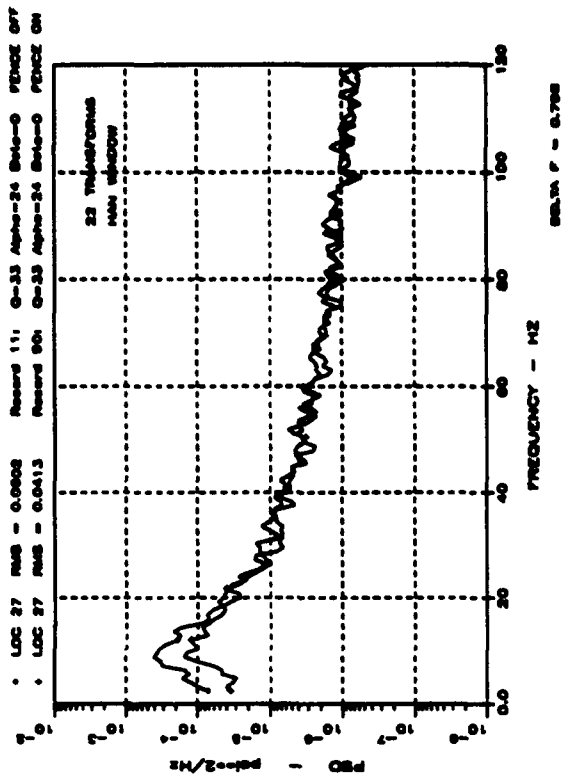
F-16 Tail Buffet Test

LOC 26 RMS = 0.0837 Record 11: Q-33 Alpha-24 Beta-0 FENCE OFF  
LOC 26 RMS = 0.0360 Record 90: Q-33 Alpha-24 Beta-0 FENCE ON



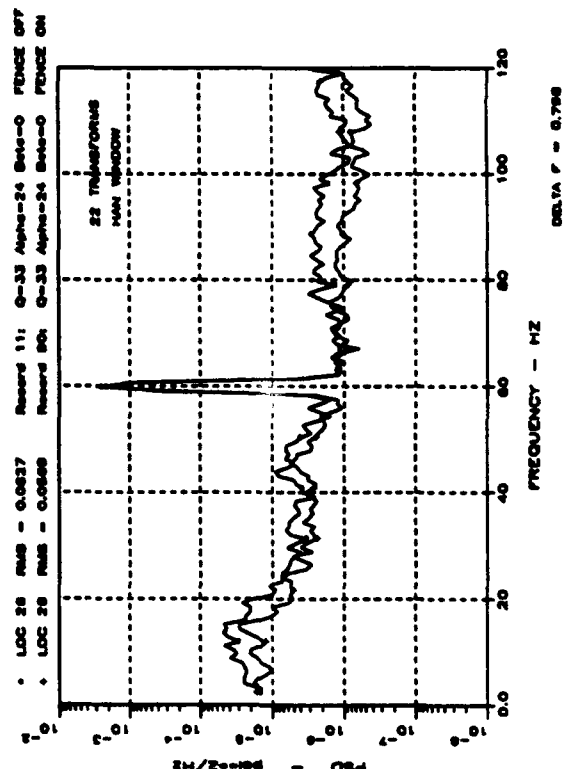
F-16 Tail Buffet Test

LOC 27 RMS = 0.0808 Record 11: Q-33 Alpha-24 Beta-0 FENCE OFF  
LOC 27 RMS = 0.0413 Record 90: Q-33 Alpha-24 Beta-0 FENCE ON



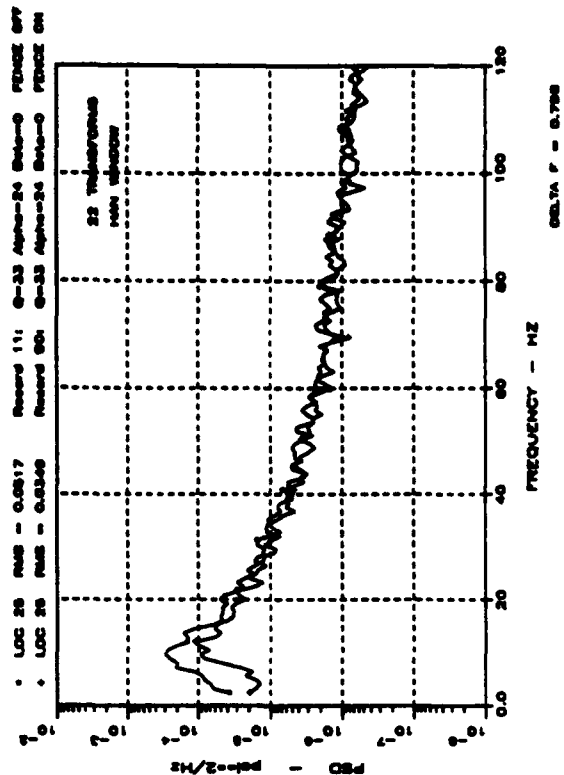
F-16 Tail Buffet Test

LOC 26 RMS = 0.0837 Record 11: Q-33 Alpha-24 Beta-0 FENCE OFF  
LOC 26 RMS = 0.0666 Record 90: Q-33 Alpha-24 Beta-0 FENCE ON



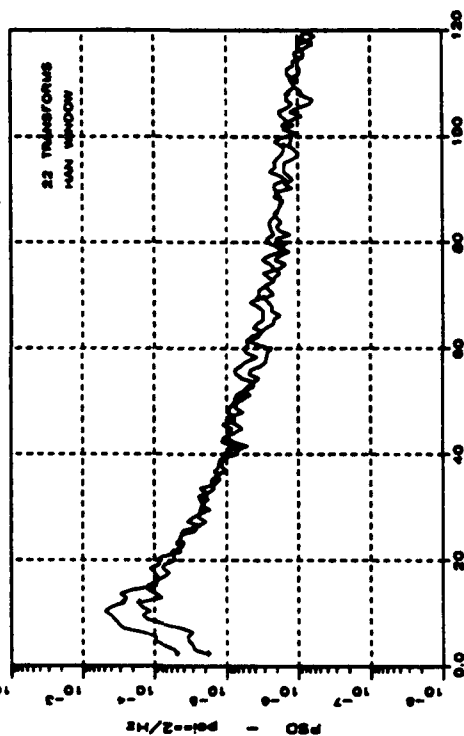
F-16 Tail Buffet Test

LOC 26 RMS = 0.0817 Record 11: Q-33 Alpha-24 Beta-0 FENCE OFF  
LOC 26 RMS = 0.0349 Record 90: Q-33 Alpha-24 Beta-0 FENCE ON



F-18 Tail Buffet Test

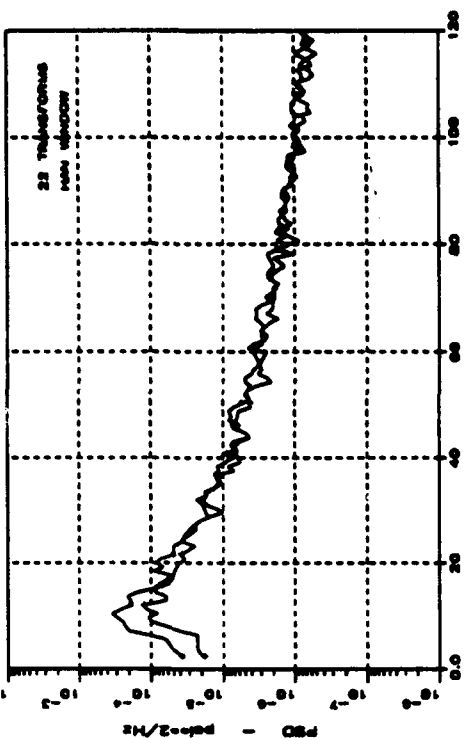
• LOC 32 RMS = 0.0084 Record 11: Q-33 Alpha-24 Beta-0 FENCE OFF  
• LOC 32 RMS = 0.0478 Record 90: Q-33 Alpha-24 Beta-0 FENCE ON



DELTA P = 0.798

F-18 Tail Buffet Test

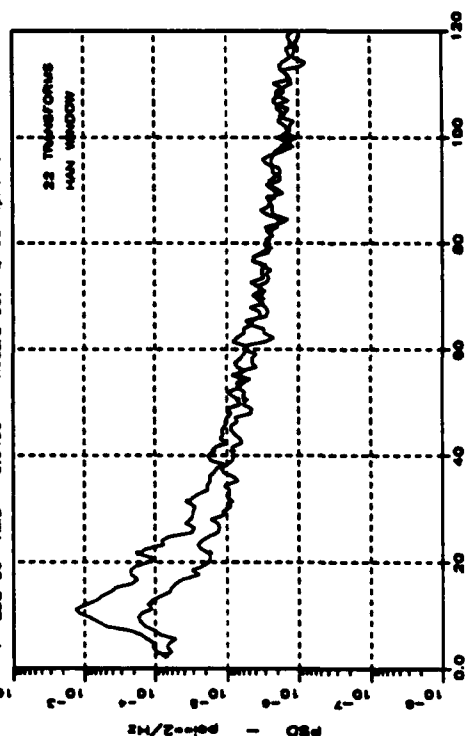
• LOC 31 RMS = 0.0089 Record 11: Q-33 Alpha-24 Beta-0 FENCE OFF  
• LOC 31 RMS = 0.0408 Record 90: Q-33 Alpha-24 Beta-0 FENCE ON



DELTA P = 0.798

F-18 Tail Buffet Test

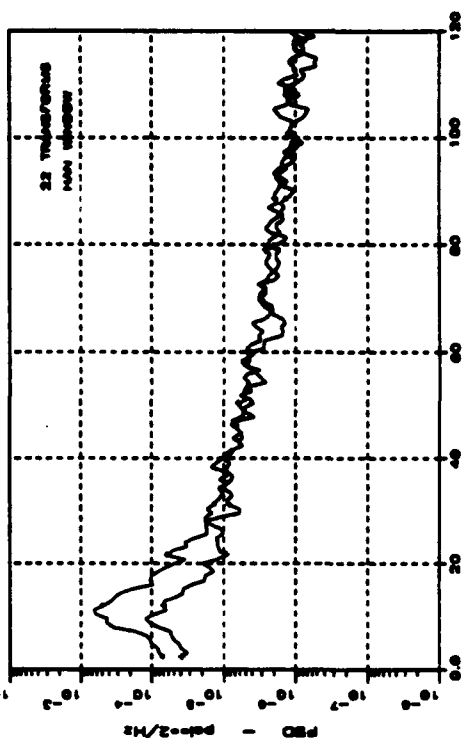
• LOC 30 RMS = 0.0040 Record 11: Q-33 Alpha-24 Beta-0 FENCE OFF  
• LOC 30 RMS = 0.0480 Record 90: Q-33 Alpha-24 Beta-0 FENCE ON



DELTA P = 0.798

F-18 Tail Buffet Test

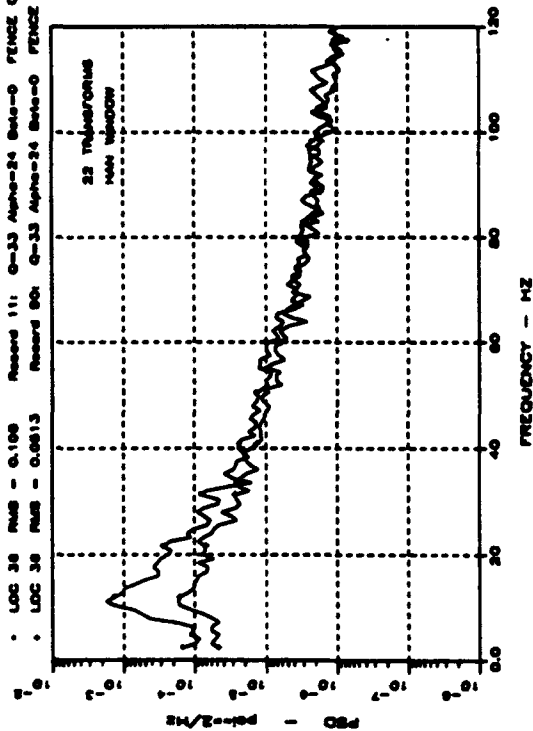
• LOC 29 RMS = 0.0087 Record 11: Q-33 Alpha-24 Beta-0 FENCE OFF  
• LOC 29 RMS = 0.0366 Record 90: Q-33 Alpha-24 Beta-0 FENCE ON



DELTA P = 0.798

# F-18 Tail Buffet Test

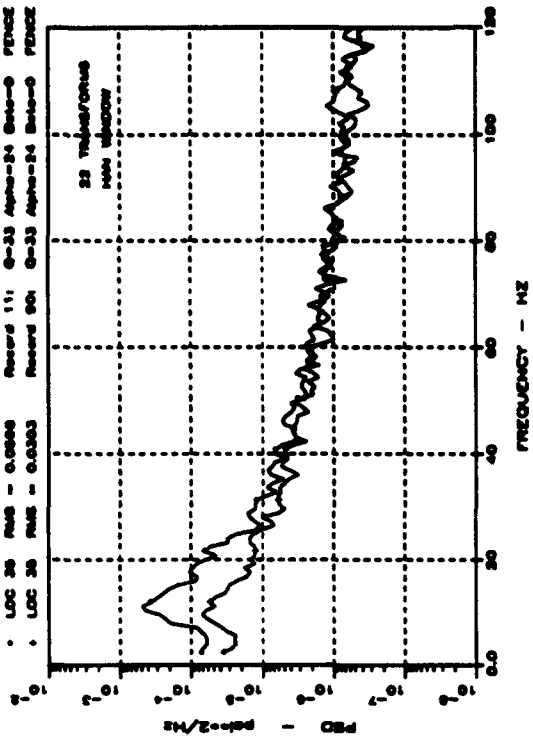
• LOC 36 RMS = 0.100 Record 11: Q-33 Alpha=24 Beta=0 FENCE OFF  
• LOC 36 RMS = 0.0813 Record 90: Q-33 Alpha=24 Beta=0 FENCE ON



DELTA P = 0.700

# F-18 Tail Buffet Test

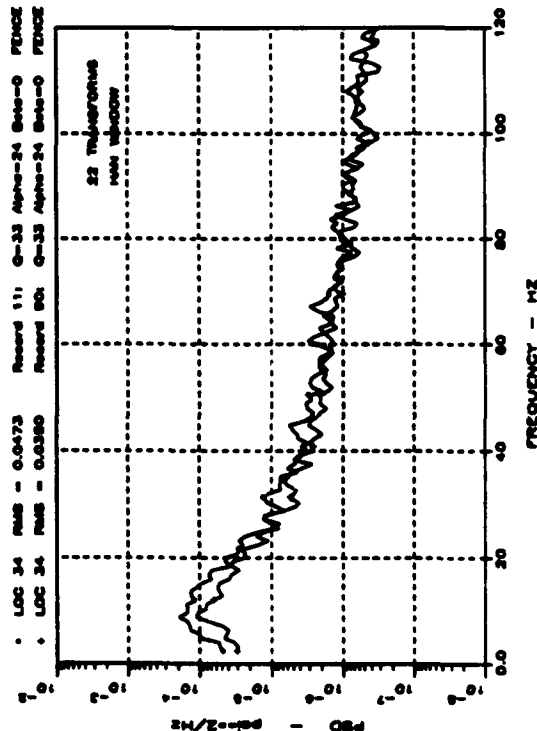
• LOC 36 RMS = 0.0808 Record 11: Q-33 Alpha=24 Beta=0 FENCE OFF  
• LOC 36 RMS = 0.0303 Record 90: Q-33 Alpha=24 Beta=0 FENCE ON



DELTA P = 0.700

# F-18 Tail Buffet Test

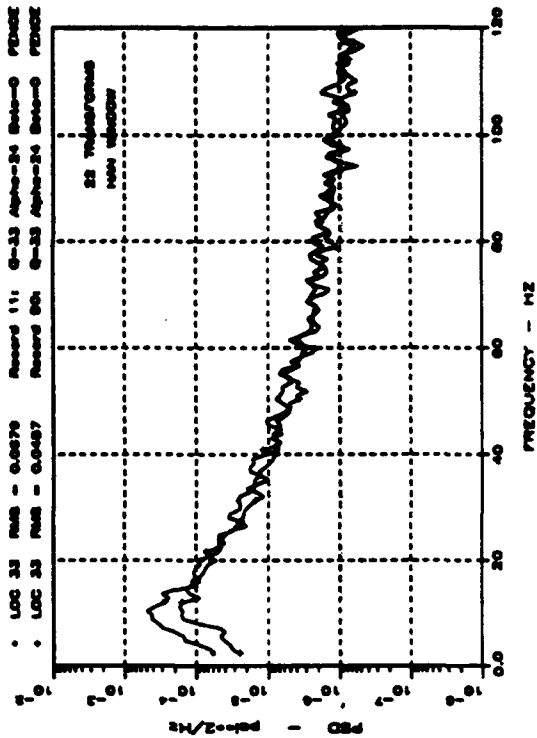
• LOC 34 RMS = 0.0473 Record 11: Q-33 Alpha=24 Beta=0 FENCE OFF  
• LOC 34 RMS = 0.0390 Record 90: Q-33 Alpha=24 Beta=0 FENCE ON



DELTA P = 0.700

# F-18 Tail Buffet Test

• LOC 33 RMS = 0.0870 Record 11: Q-33 Alpha=24 Beta=0 FENCE OFF  
• LOC 33 RMS = 0.0487 Record 90: Q-33 Alpha=24 Beta=0 FENCE ON

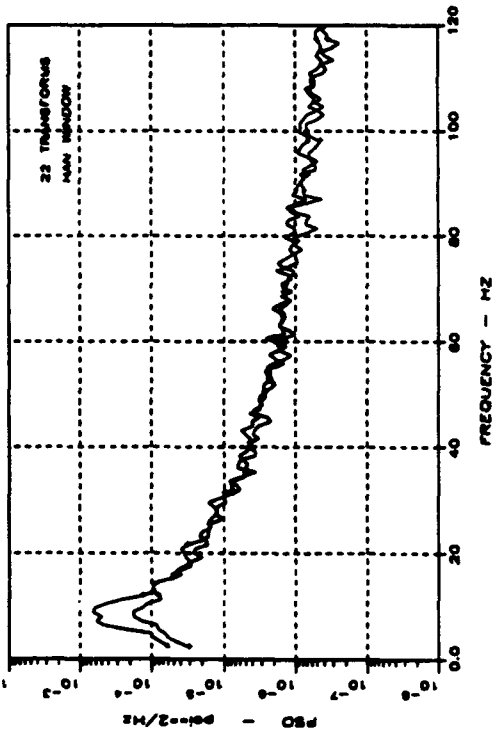


DELTA P = 0.700



F-16 Tail Buffet Test

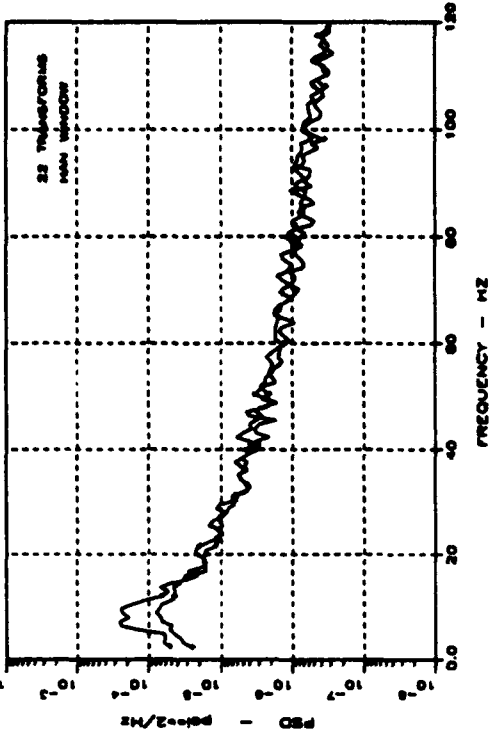
LOC 4 RMS = 0.0422 Record 12: Q-33 Alpha-26 Beta-0 FENCE OFF  
 LOC 4 RMS = 0.0423 Record 91: Q-33 Alpha-26 Beta-0 FENCE ON



DELTA F = 0.798

F-16 Tail Buffet Test

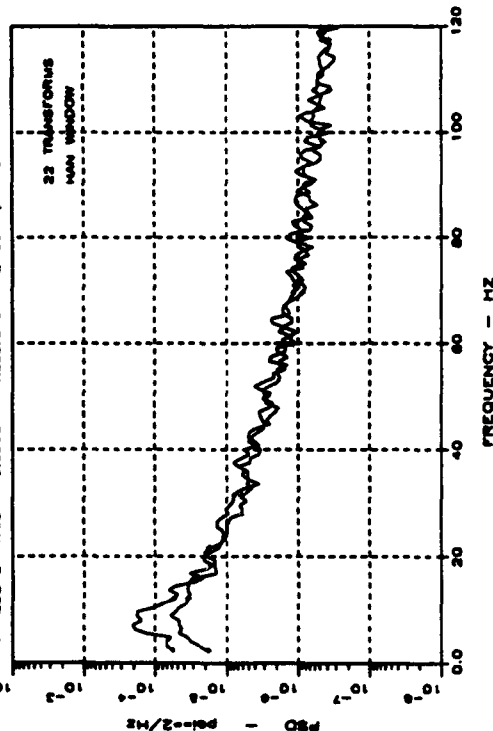
LOC 3 RMS = 0.0452 Record 12: Q-33 Alpha-26 Beta-0 FENCE OFF  
 LOC 3 RMS = 0.0321 Record 91: Q-33 Alpha-26 Beta-0 FENCE ON



DELTA F = 0.798

F-16 Tail Buffet Test

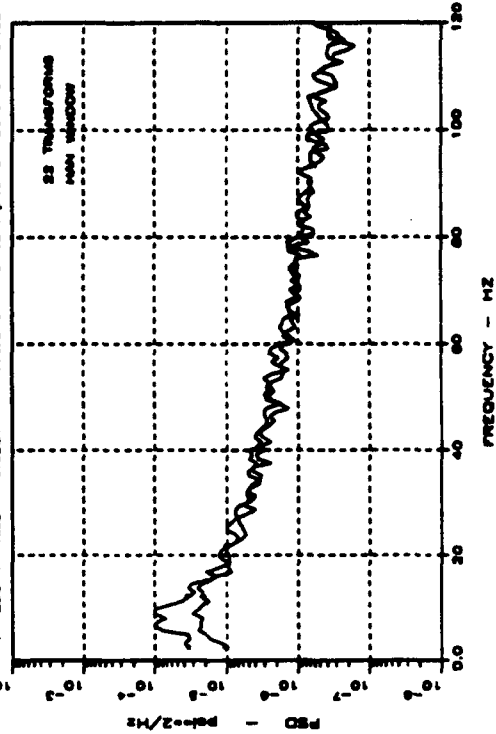
LOC 2 RMS = 0.0422 Record 12: Q-33 Alpha-26 Beta-0 FENCE OFF  
 LOC 2 RMS = 0.0395 Record 91: Q-33 Alpha-26 Beta-0 FENCE ON



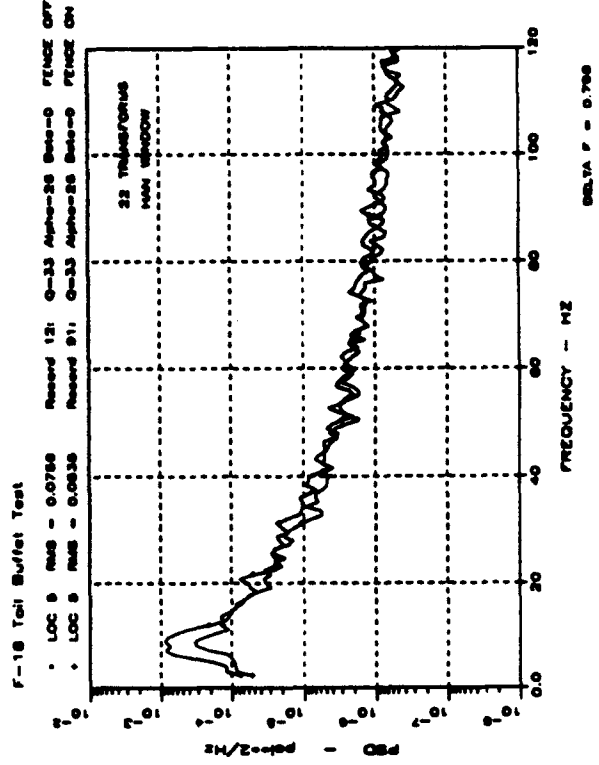
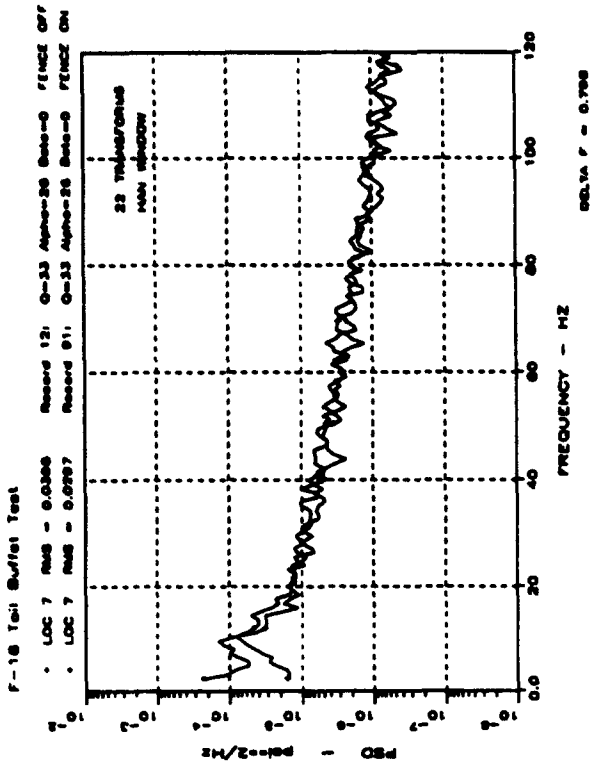
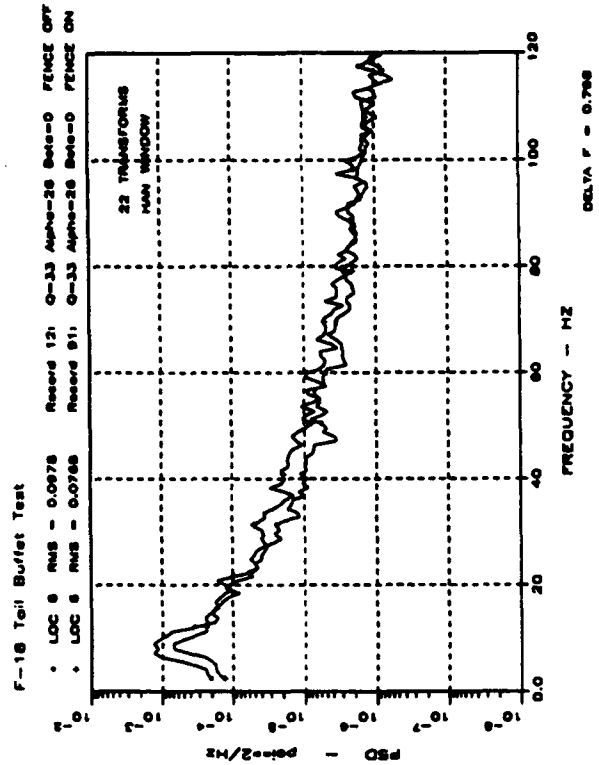
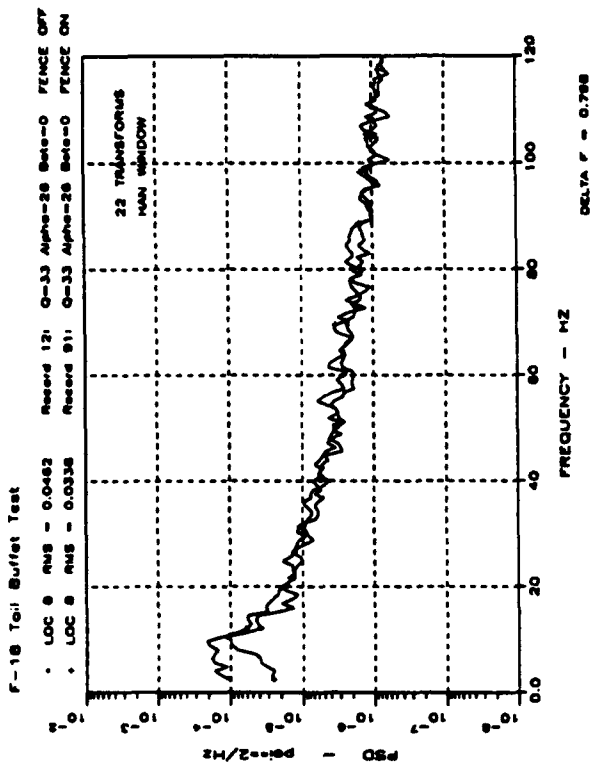
DELTA F = 0.798

F-16 Tail Buffet Test

LOC 1 RMS = 0.0321 Record 12: Q-33 Alpha-26 Beta-0 FENCE OFF  
 LOC 1 RMS = 0.0321 Record 91: Q-33 Alpha-26 Beta-0 FENCE ON

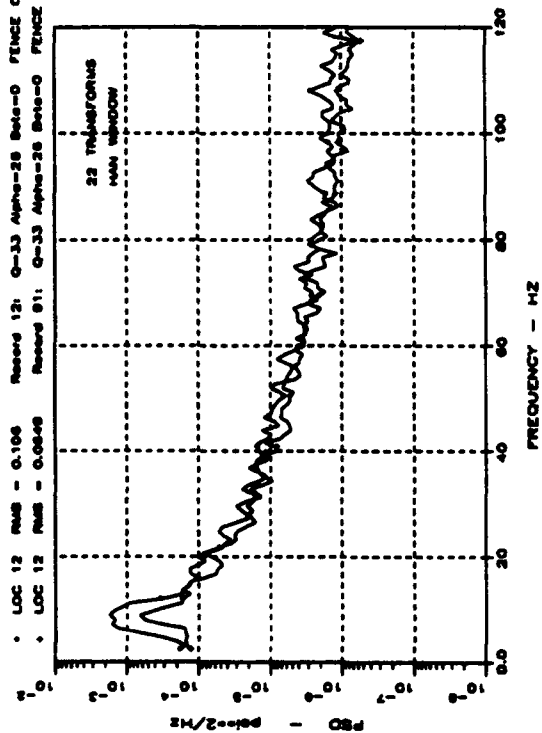


DELTA F = 0.798



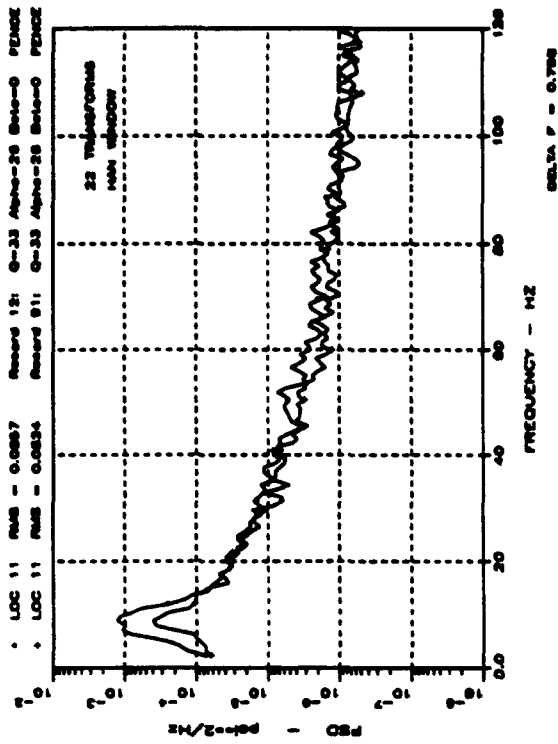
# F-18 Tail Buffet Test

LOC 12 RMS = 0.106 Record 12: Q-33 Alpha-28 Beta=0 FENCE OFF  
LOC 12 RMS = 0.0046 Record 91: Q-33 Alpha-28 Beta=0 FENCE ON



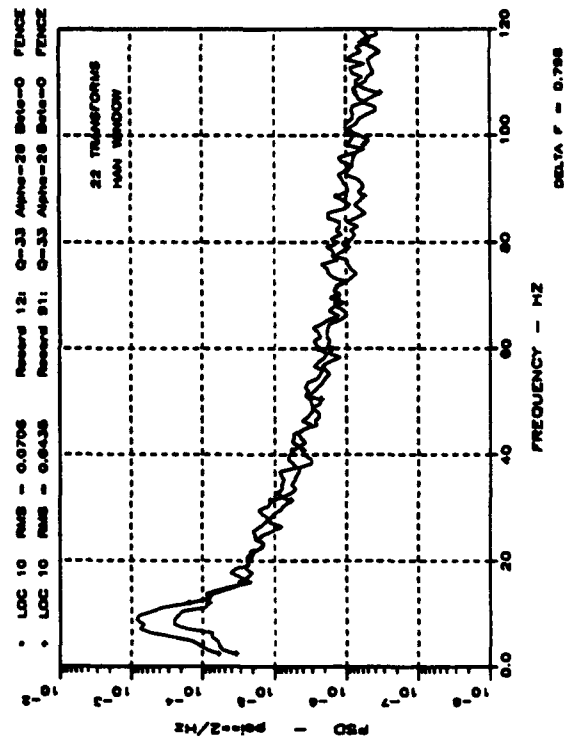
# F-18 Tail Buffet Test

LOC 11 RMS = 0.0887 Record 12: Q-33 Alpha-28 Beta=0 FENCE OFF  
LOC 11 RMS = 0.0834 Record 91: Q-33 Alpha-28 Beta=0 FENCE ON



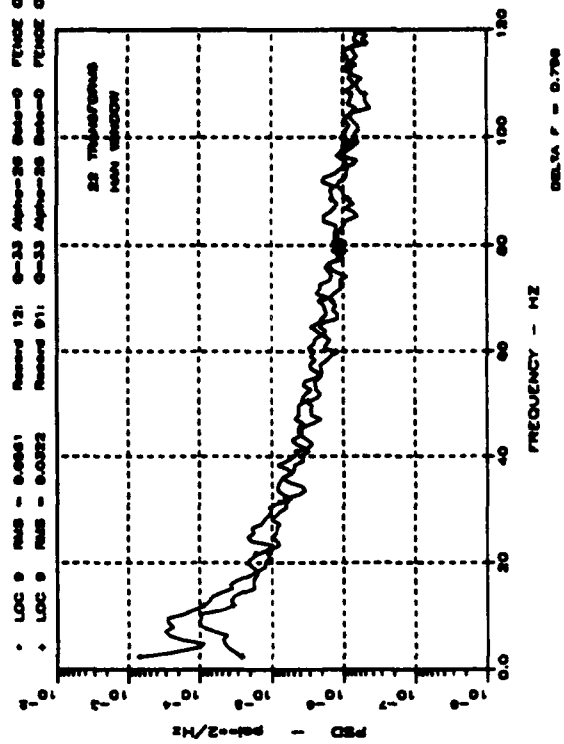
# F-18 Tail Buffet Test

LOC 10 RMS = 0.0706 Record 12: Q-33 Alpha-28 Beta=0 FENCE OFF  
LOC 10 RMS = 0.0436 Record 91: Q-33 Alpha-28 Beta=0 FENCE ON



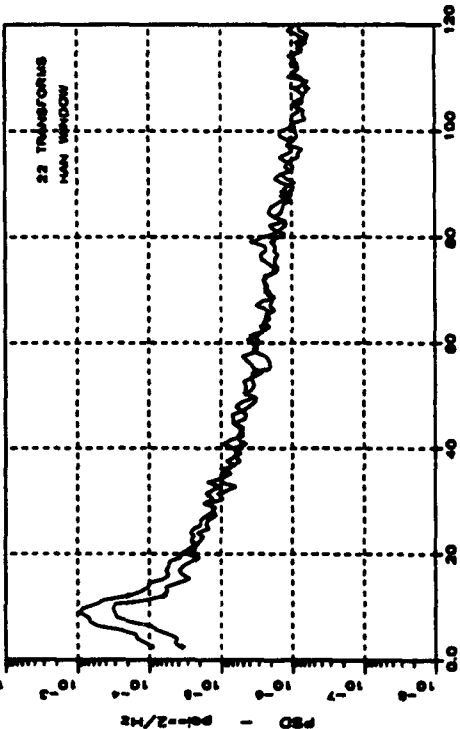
# F-18 Tail Buffet Test

LOC 9 RMS = 0.0681 Record 12: Q-33 Alpha-28 Beta=0 FENCE OFF  
LOC 9 RMS = 0.0322 Record 91: Q-33 Alpha-28 Beta=0 FENCE ON



# F-16 Tail Buffet Test

• LOC 18 RMS = 0.0744 Record 12: Q-33 Alpha-28 Beta-0 FENCE OFF  
 • LOC 18 RMS = 0.0474 Record 91: Q-33 Alpha-28 Beta-0 FENCE ON

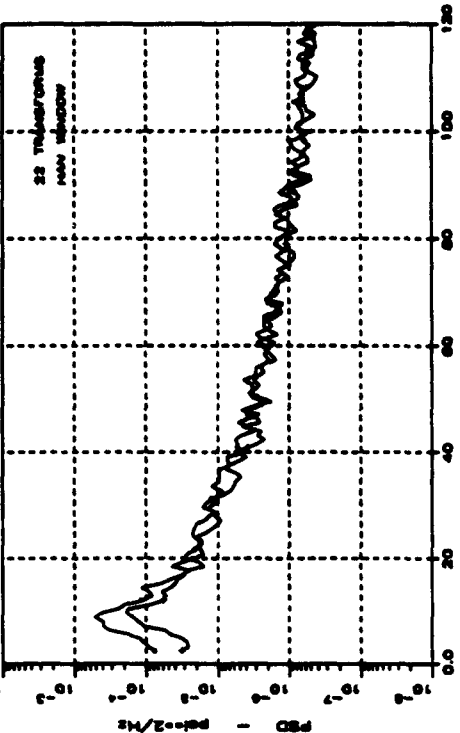


FREQUENCY - HZ

DELTA P = 0.798

# F-16 Tail Buffet Test

• LOC 18 RMS = 0.0891 Record 12: Q-33 Alpha-28 Beta-0 FENCE OFF  
 • LOC 18 RMS = 0.0390 Record 91: Q-33 Alpha-28 Beta-0 FENCE ON

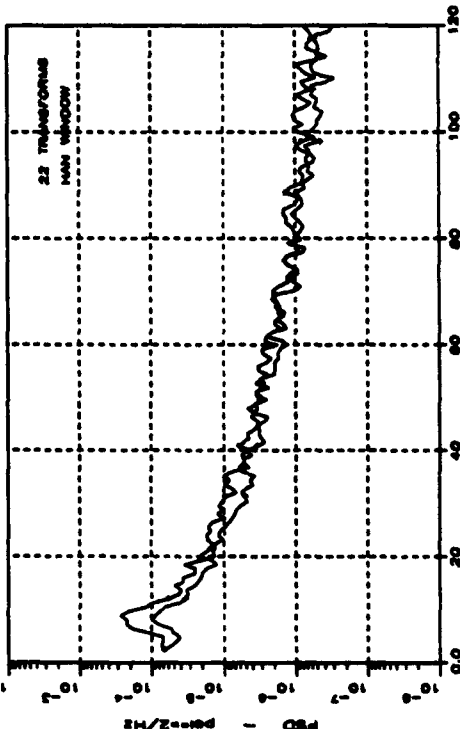


FREQUENCY - HZ

DELTA P = 0.798

# F-16 Tail Buffet Test

• LOC 14 RMS = 0.0480 Record 12: Q-33 Alpha-28 Beta-0 FENCE OFF  
 • LOC 14 RMS = 0.0337 Record 91: Q-33 Alpha-28 Beta-0 FENCE ON

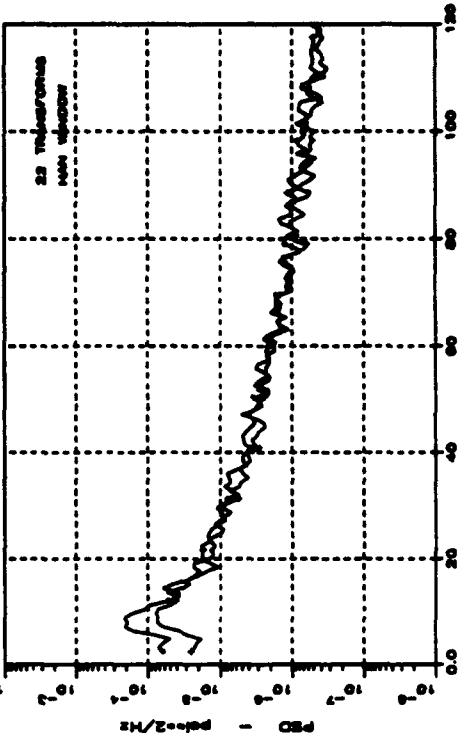


FREQUENCY - HZ

DELTA P = 0.798

# F-16 Tail Buffet Test

• LOC 13 RMS = 0.0421 Record 12: Q-33 Alpha-28 Beta-0 FENCE OFF  
 • LOC 13 RMS = 0.0312 Record 91: Q-33 Alpha-28 Beta-0 FENCE ON



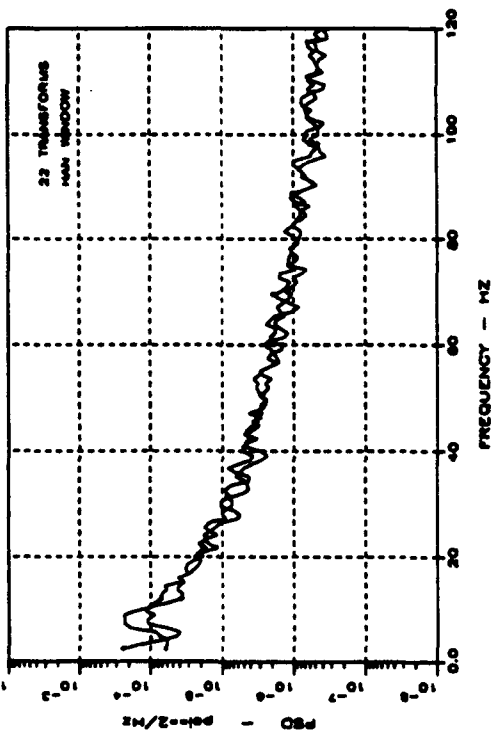
FREQUENCY - HZ

DELTA P = 0.798



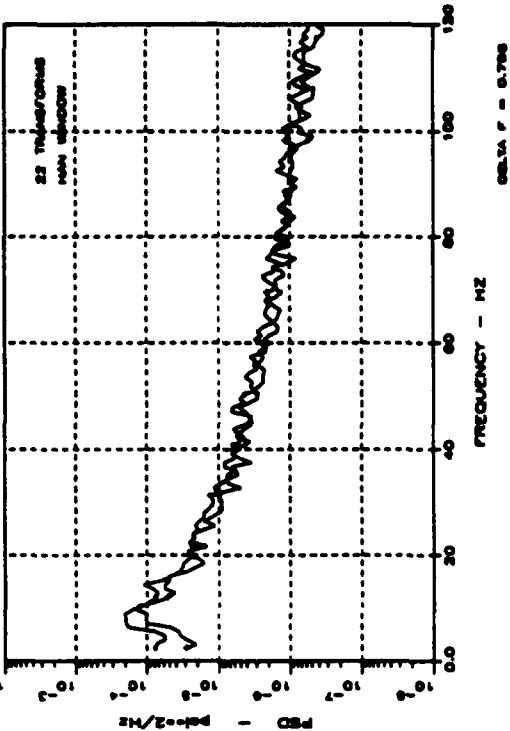
# F-18 Tail Buffet Test

LOC 20 RMS = 0.0441 Record 12: Q-33 Alpha-25 Beta=0 FENCE OFF  
LOC 20 RMS = 0.0398 Record 91: Q-33 Alpha-25 Beta=0 FENCE ON



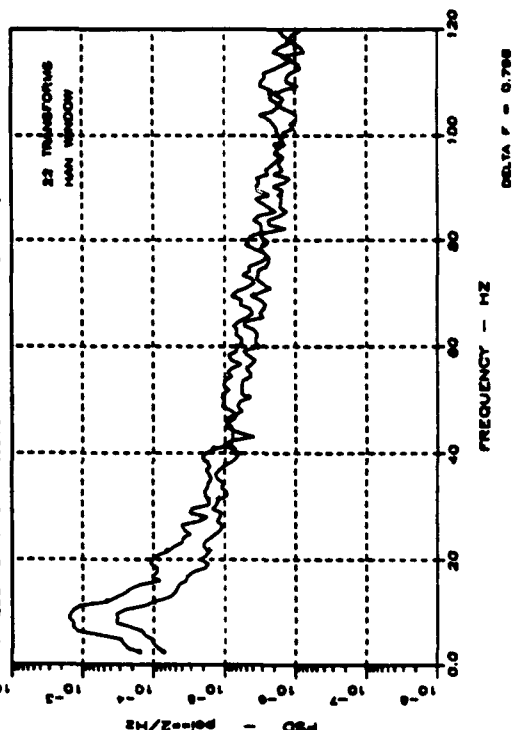
# F-18 Tail Buffet Test

LOC 19 RMS = 0.0484 Record 12: Q-33 Alpha-25 Beta=0 FENCE OFF  
LOC 19 RMS = 0.0376 Record 91: Q-33 Alpha-25 Beta=0 FENCE ON



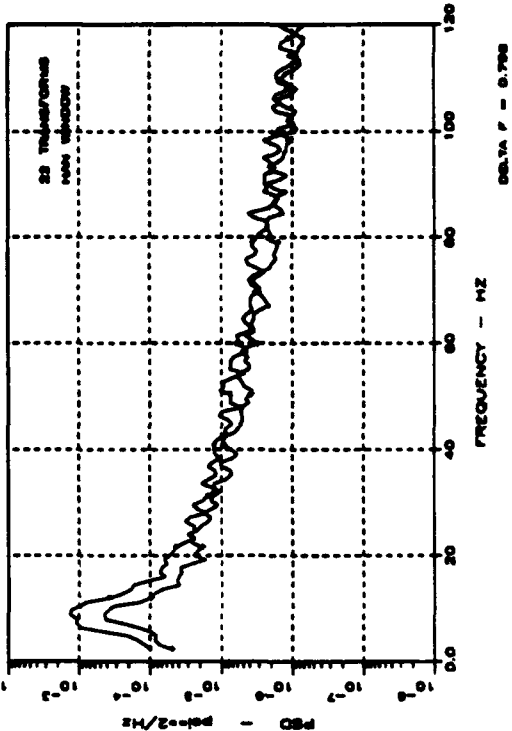
# F-18 Tail Buffet Test

LOC 18 RMS = 0.106 Record 12: Q-33 Alpha-25 Beta=0 FENCE OFF  
LOC 18 RMS = 0.0816 Record 91: Q-33 Alpha-25 Beta=0 FENCE ON



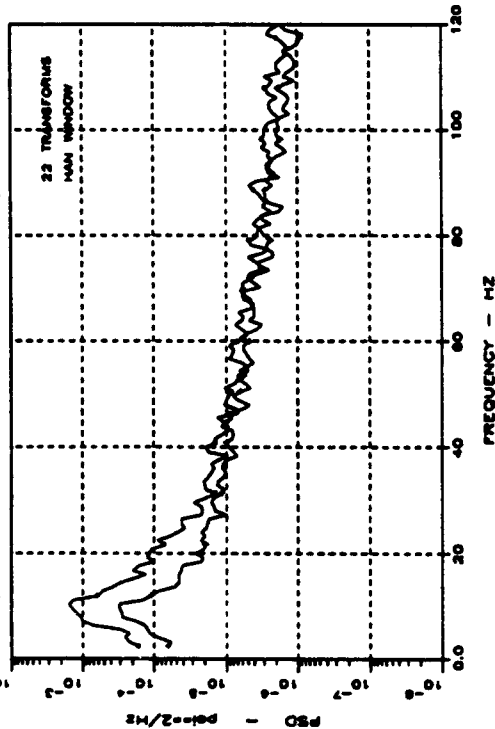
# F-18 Tail Buffet Test

LOC 17 RMS = 0.0930 Record 12: Q-33 Alpha-25 Beta=0 FENCE OFF  
LOC 17 RMS = 0.0841 Record 91: Q-33 Alpha-25 Beta=0 FENCE ON



# F-18 Tail Buffet Test

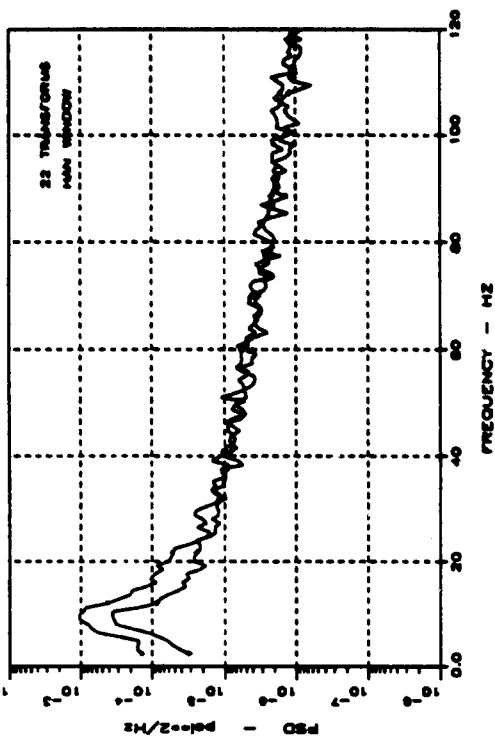
• LOC 24 RMS = 0.104 Record 12: Q-33 Alpha-28 Beta-0 FENCE OFF  
 • LOC 24 RMS = 0.0816 Record 91: Q-33 Alpha-28 Beta-0 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

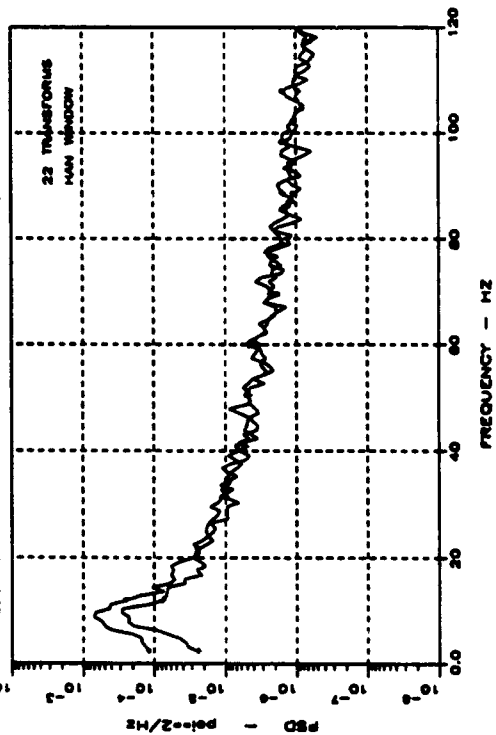
• LOC 23 RMS = 0.0837 Record 12: Q-33 Alpha-28 Beta-0 FENCE OFF  
 • LOC 23 RMS = 0.0811 Record 91: Q-33 Alpha-28 Beta-0 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

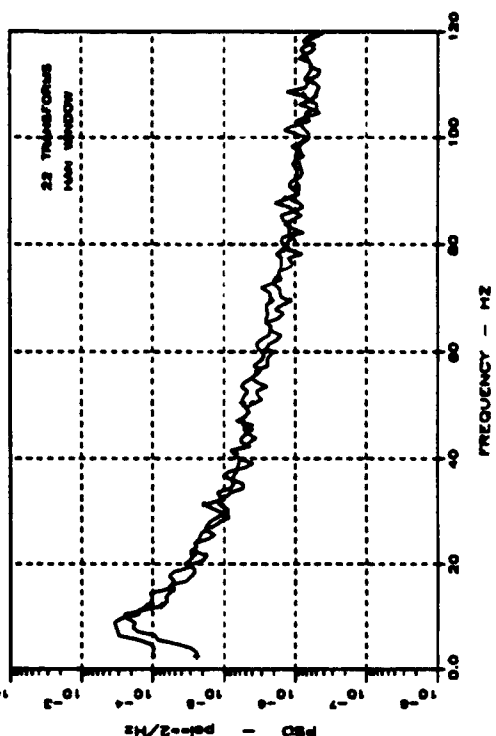
• LOC 22 RMS = 0.0868 Record 12: Q-33 Alpha-28 Beta-0 FENCE OFF  
 • LOC 22 RMS = 0.0487 Record 91: Q-33 Alpha-28 Beta-0 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

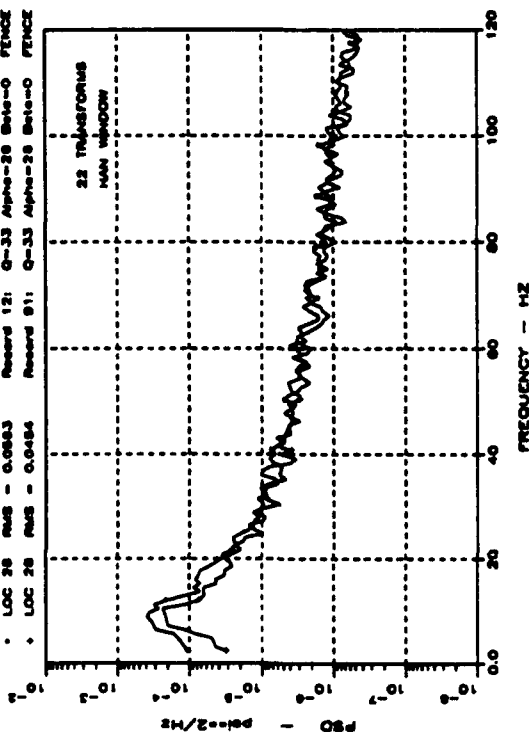
• LOC 21 RMS = 0.0847 Record 12: Q-33 Alpha-28 Beta-0 FENCE OFF  
 • LOC 21 RMS = 0.0460 Record 91: Q-33 Alpha-28 Beta-0 FENCE ON



DELTA F = 0.798

F-16 Tail Buffet Test

LOC 26 RMS = 0.0833 Record 12: Q-33 Alpha-28 Beta-0 FENCE OFF  
 LOC 26 RMS = 0.0484 Record 91: Q-33 Alpha-28 Beta-0 FENCE ON

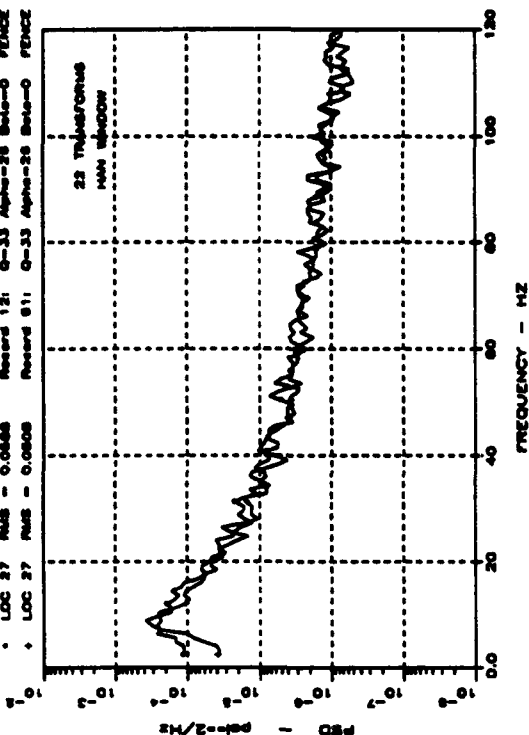


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 27 RMS = 0.0808 Record 12: Q-33 Alpha-28 Beta-0 FENCE OFF  
 LOC 27 RMS = 0.0808 Record 91: Q-33 Alpha-28 Beta-0 FENCE ON

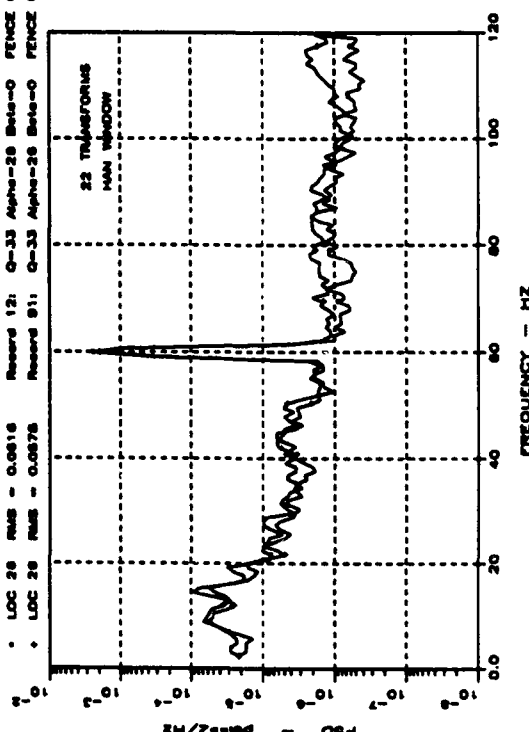


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 26 RMS = 0.0816 Record 12: Q-33 Alpha-28 Beta-0 FENCE OFF  
 LOC 26 RMS = 0.0878 Record 91: Q-33 Alpha-28 Beta-0 FENCE ON

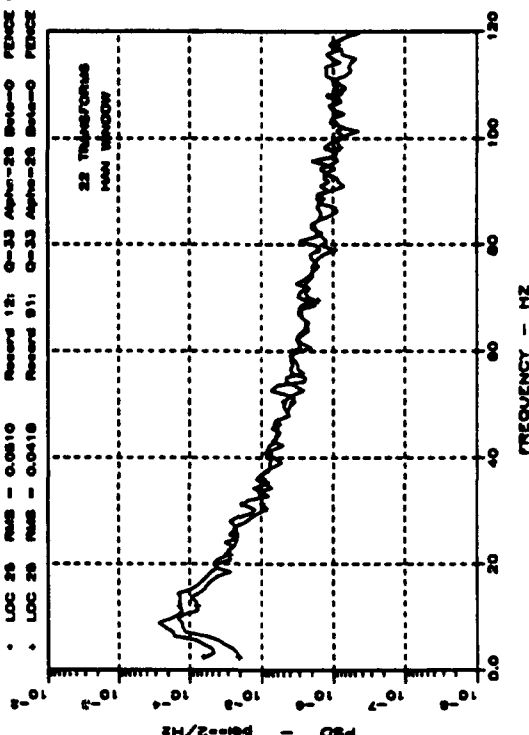


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 26 RMS = 0.0810 Record 12: Q-33 Alpha-28 Beta-0 FENCE OFF  
 LOC 26 RMS = 0.0418 Record 91: Q-33 Alpha-28 Beta-0 FENCE ON

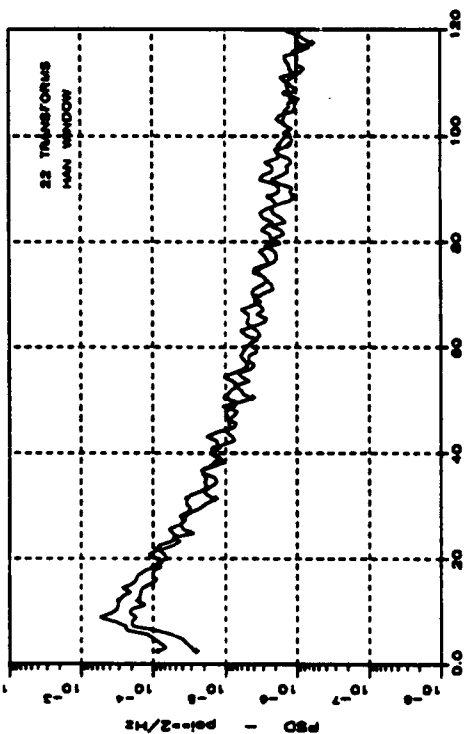


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

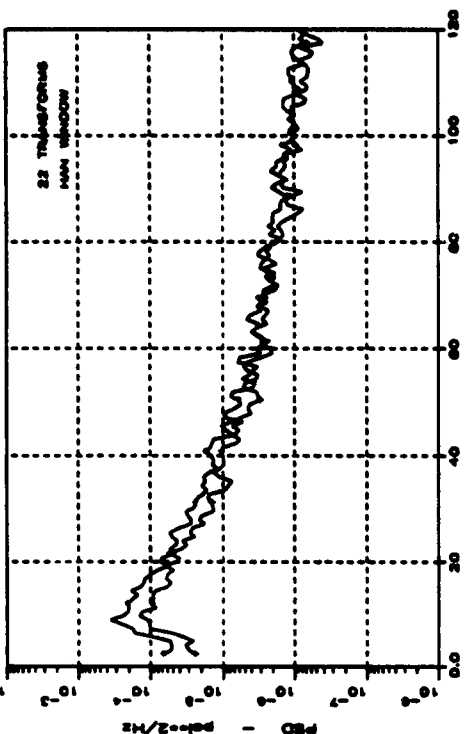
LOC 32 RMS = 0.0703 Record 12: Q-33 Alpha-28 Beta-0 FENCE OFF  
LOC 32 RMS = 0.0844 Record 91: Q-33 Alpha-28 Beta-0 FENCE ON



FREQUENCY - HZ  
DELTA P = 0.798

F-16 Tail Buffet Test

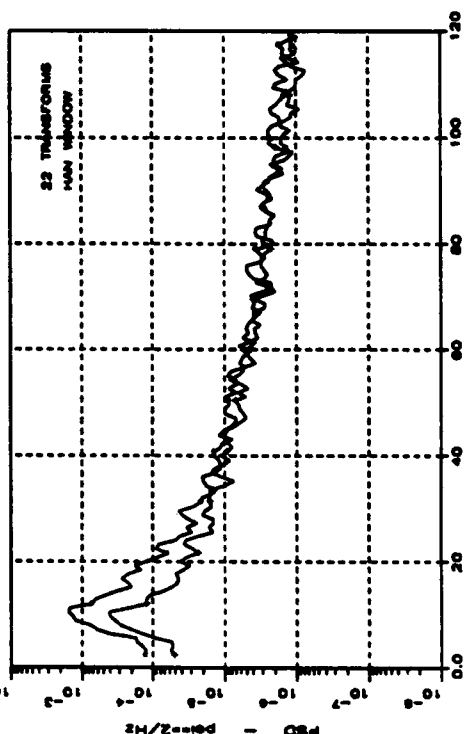
LOC 31 RMS = 0.0894 Record 12: Q-33 Alpha-28 Beta-0 FENCE OFF  
LOC 31 RMS = 0.0437 Record 91: Q-33 Alpha-28 Beta-0 FENCE ON



FREQUENCY - HZ  
DELTA P = 0.798

F-16 Tail Buffet Test

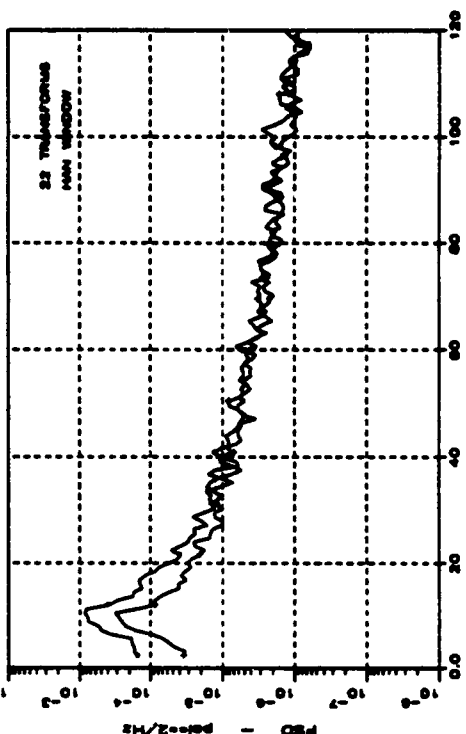
LOC 30 RMS = 0.101 Record 12: Q-33 Alpha-28 Beta-0 FENCE OFF  
LOC 30 RMS = 0.0886 Record 91: Q-33 Alpha-28 Beta-0 FENCE ON



FREQUENCY - HZ  
DELTA P = 0.798

F-16 Tail Buffet Test

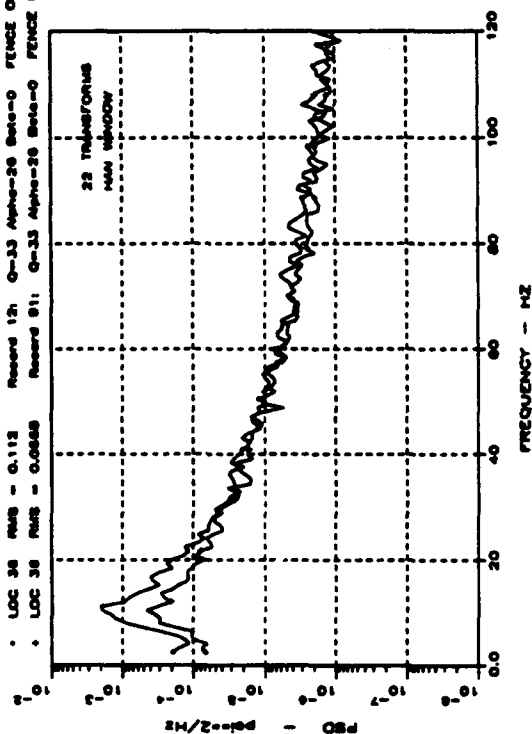
LOC 29 RMS = 0.0802 Record 12: Q-33 Alpha-28 Beta-0 FENCE OFF  
LOC 29 RMS = 0.0406 Record 91: Q-33 Alpha-28 Beta-0 FENCE ON



FREQUENCY - HZ  
DELTA P = 0.798

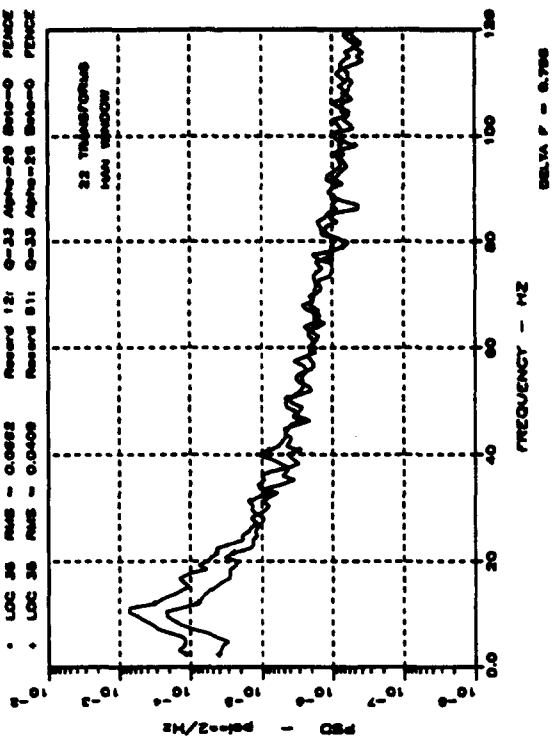
# F-16 Tail Buffet Test

• LOC 36 RMS = 0.112 Record 12: Q-33 Alpha-26 Beta-0 FENCE OFF  
 • LOC 36 RMS = 0.0668 Record 91: Q-33 Alpha-26 Beta-0 FENCE ON



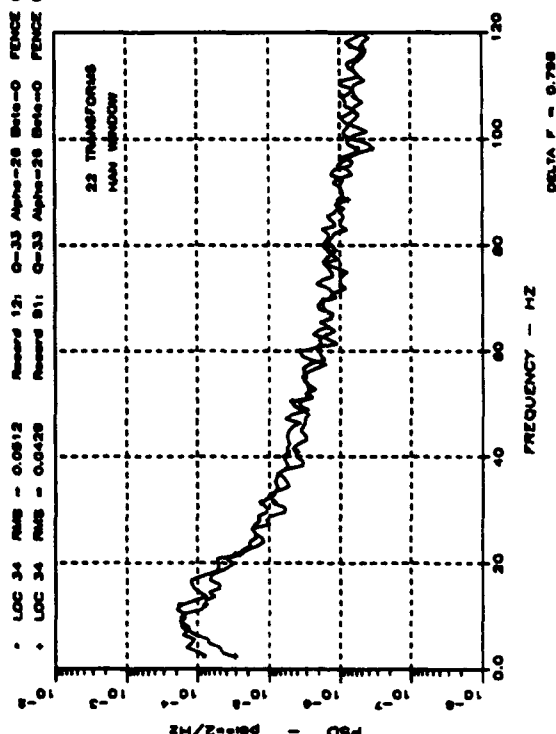
# F-16 Tail Buffet Test

• LOC 36 RMS = 0.0622 Record 12: Q-33 Alpha-26 Beta-0 FENCE OFF  
 • LOC 36 RMS = 0.0409 Record 91: Q-33 Alpha-26 Beta-0 FENCE ON



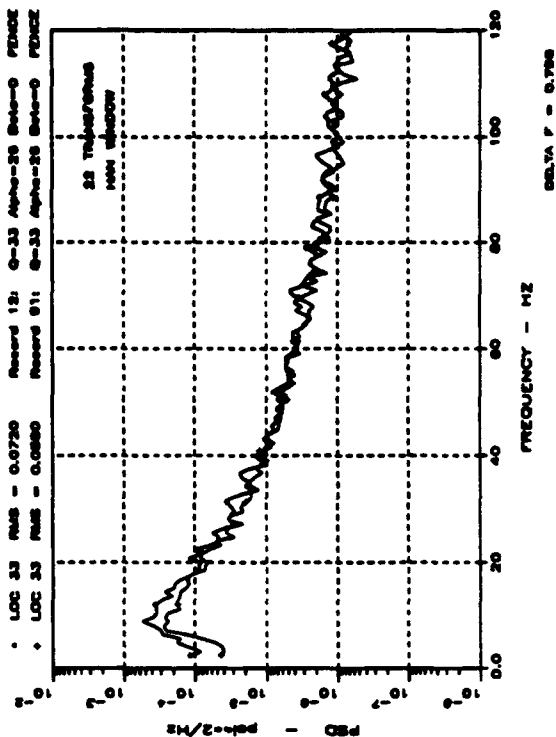
# F-16 Tail Buffet Test

• LOC 34 RMS = 0.0812 Record 12: Q-33 Alpha-26 Beta-0 FENCE OFF  
 • LOC 34 RMS = 0.0438 Record 91: Q-33 Alpha-26 Beta-0 FENCE ON



# F-16 Tail Buffet Test

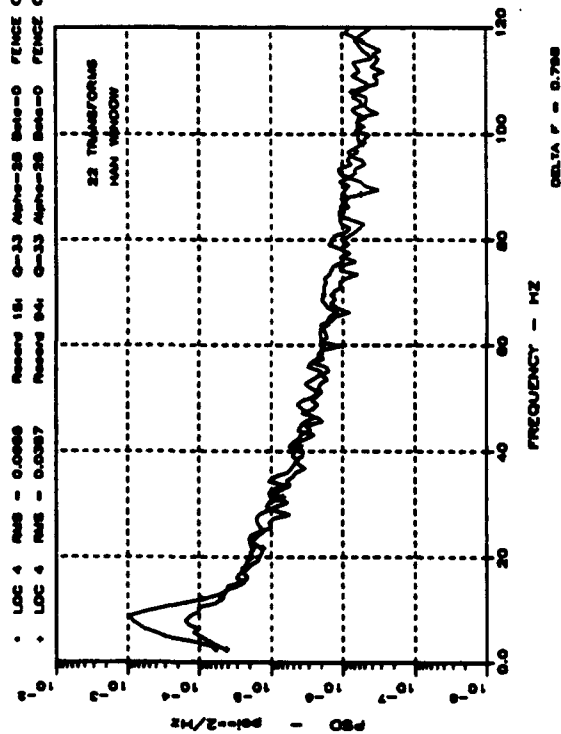
• LOC 33 RMS = 0.0750 Record 12: Q-33 Alpha-26 Beta-0 FENCE OFF  
 • LOC 33 RMS = 0.0500 Record 91: Q-33 Alpha-26 Beta-0 FENCE ON





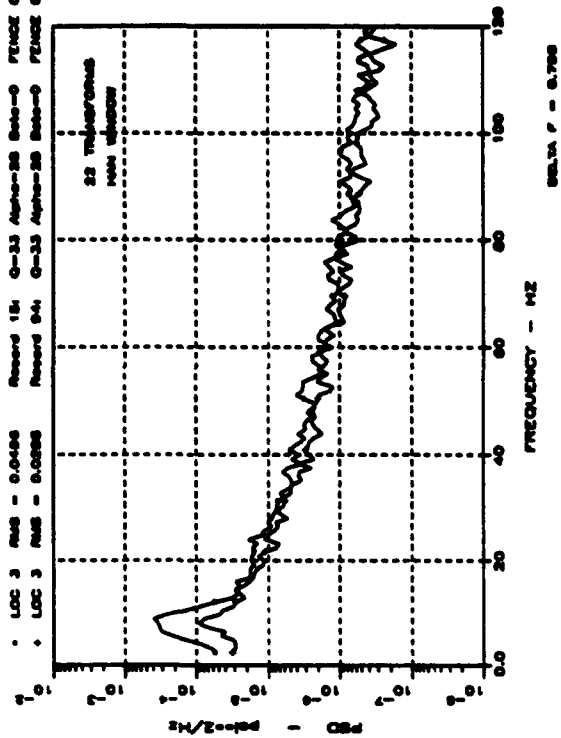
# F-16 Tail Buffet Test

• LOC 4 RMS = 0.0080 Record 15: Q-33 Alpha-25 Beta-0 FENCE OFF  
 • LOC 4 RMS = 0.0087 Record 94: Q-33 Alpha-25 Beta-0 FENCE ON



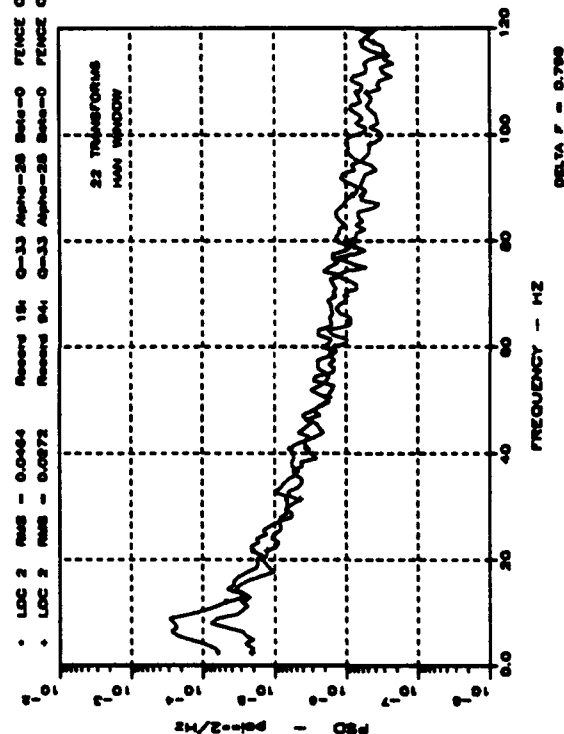
# F-16 Tail Buffet Test

• LOC 3 RMS = 0.0486 Record 15: Q-33 Alpha-25 Beta-0 FENCE OFF  
 • LOC 3 RMS = 0.0288 Record 94: Q-33 Alpha-25 Beta-0 FENCE ON



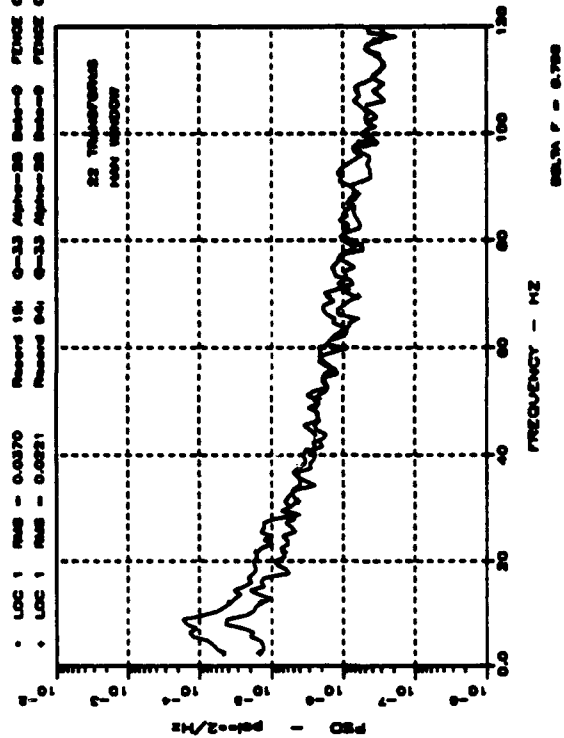
# F-16 Tail Buffet Test

• LOC 2 RMS = 0.0464 Record 15: Q-33 Alpha-25 Beta-0 FENCE OFF  
 • LOC 2 RMS = 0.0372 Record 94: Q-33 Alpha-25 Beta-0 FENCE ON



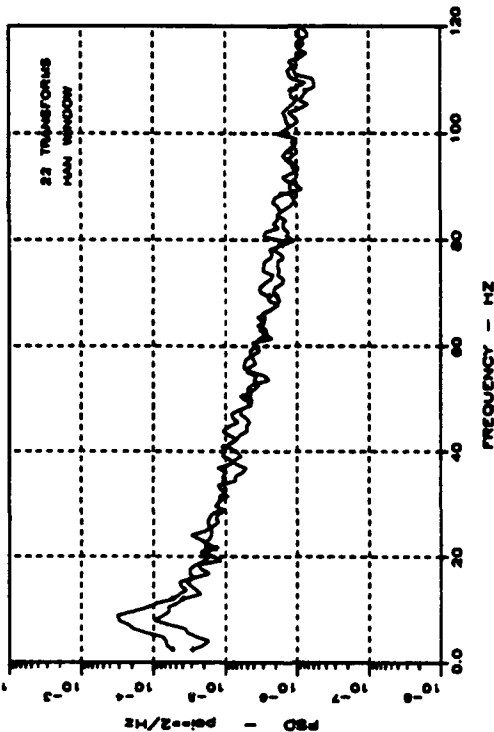
# F-16 Tail Buffet Test

• LOC 1 RMS = 0.0370 Record 15: Q-33 Alpha-25 Beta-0 FENCE OFF  
 • LOC 1 RMS = 0.0221 Record 94: Q-33 Alpha-25 Beta-0 FENCE ON



# F-16 Tail Buffet Test

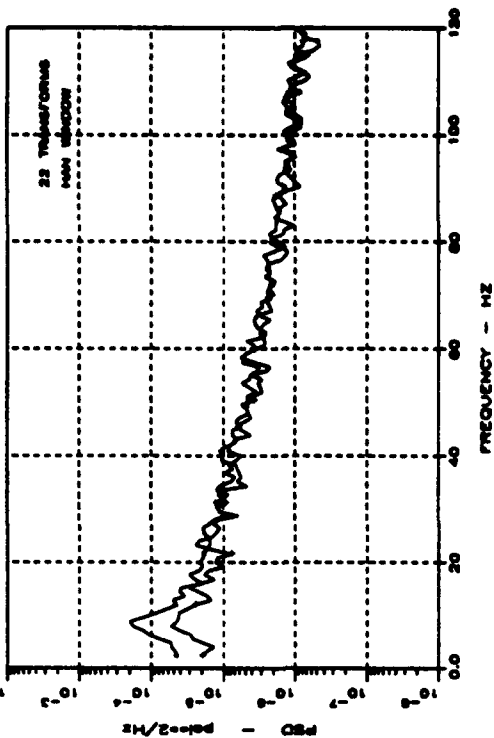
LOC 8 RMS = 0.0470 Record 18: Q-33 Alpha-28 Beta=0 FENCE OFF  
 LOC 8 RMS = 0.0336 Record 94: Q-33 Alpha-28 Beta=0 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

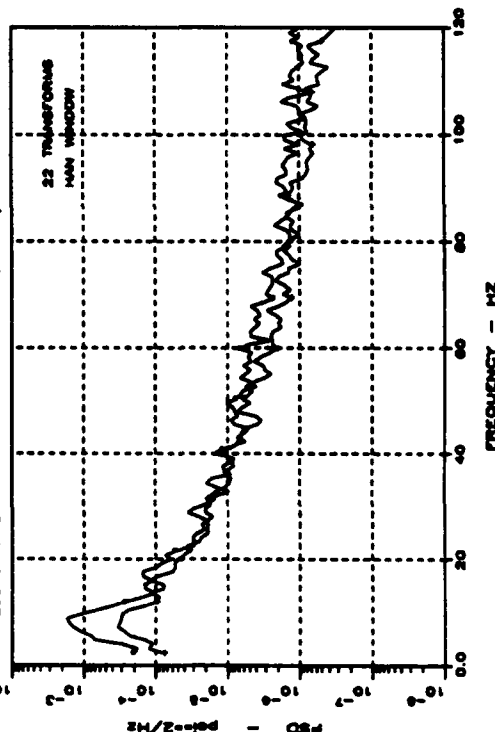
LOC 7 RMS = 0.0407 Record 18: Q-33 Alpha-28 Beta=0 FENCE OFF  
 LOC 7 RMS = 0.0296 Record 94: Q-33 Alpha-28 Beta=0 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

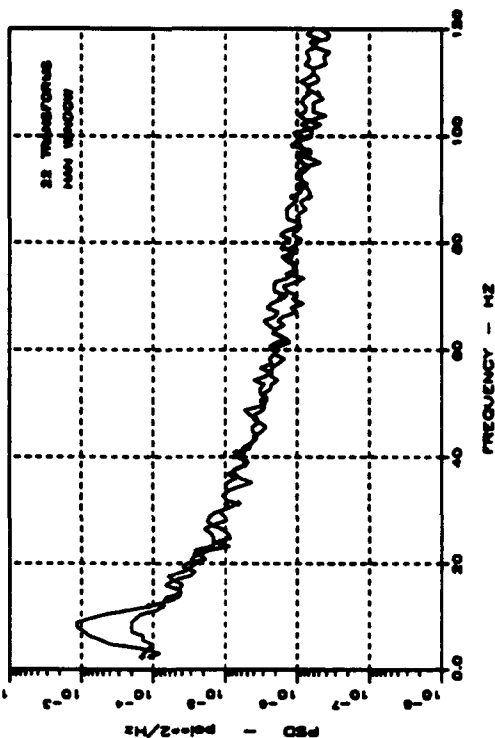
LOC 8 RMS = 0.100 Record 18: Q-33 Alpha-28 Beta=0 FENCE OFF  
 LOC 8 RMS = 0.0577 Record 94: Q-33 Alpha-28 Beta=0 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 8 RMS = 0.0787 Record 18: Q-33 Alpha-28 Beta=0 FENCE OFF  
 LOC 8 RMS = 0.0473 Record 94: Q-33 Alpha-28 Beta=0 FENCE ON

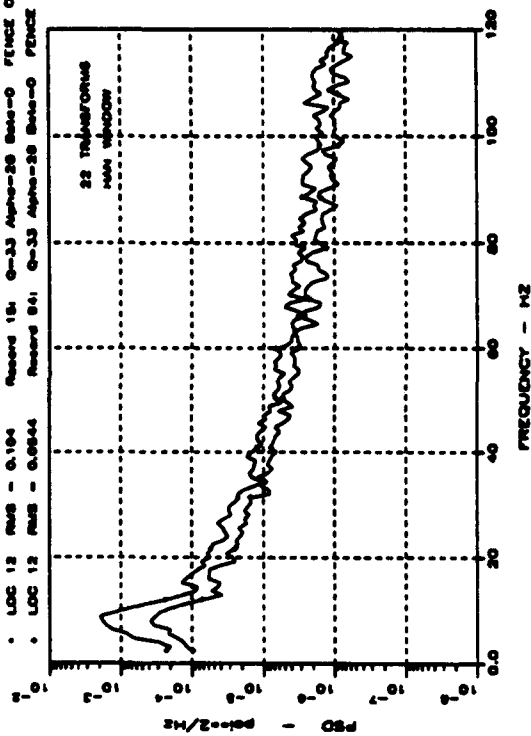


DELTA F = 0.798



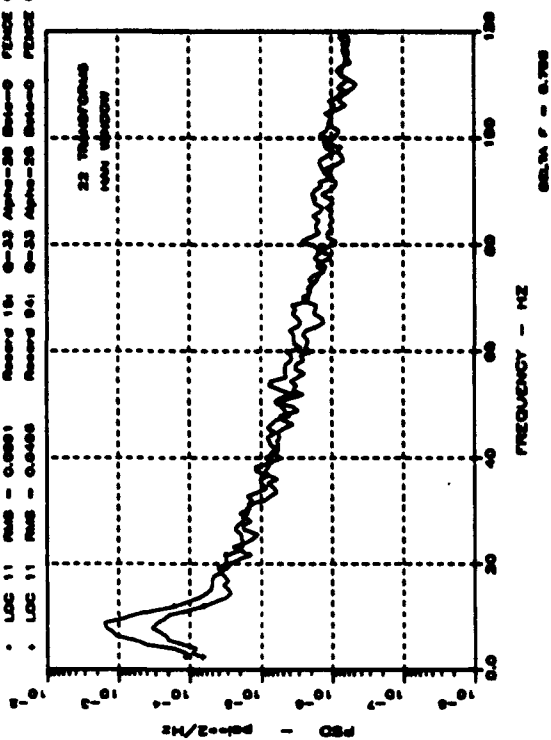
# F-16 Tail Buffet Test

• LDC 12 RMS = 0.104 Record 16: Q-33 Alpha=20 Beta=0 FENCE OFF  
 • LDC 12 RMS = 0.0044 Record 94: Q-33 Alpha=20 Beta=0 FENCE ON



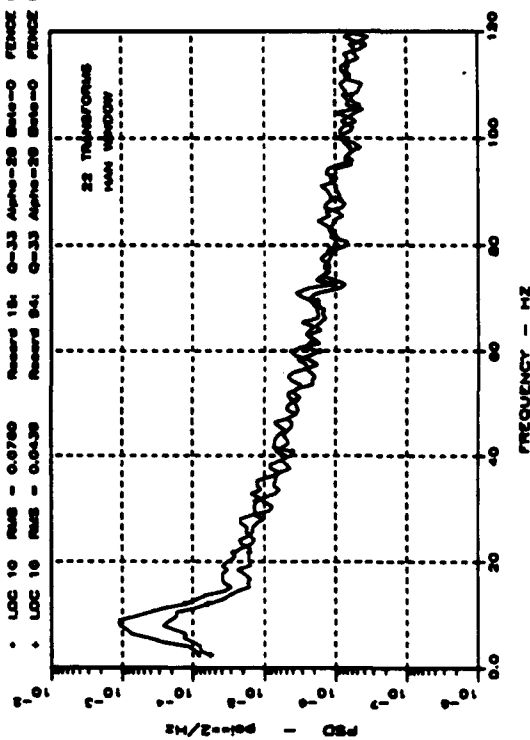
# F-16 Tail Buffet Test

• LDC 11 RMS = 0.0001 Record 16: Q-33 Alpha=20 Beta=0 FENCE OFF  
 • LDC 11 RMS = 0.0000 Record 94: Q-33 Alpha=20 Beta=0 FENCE ON



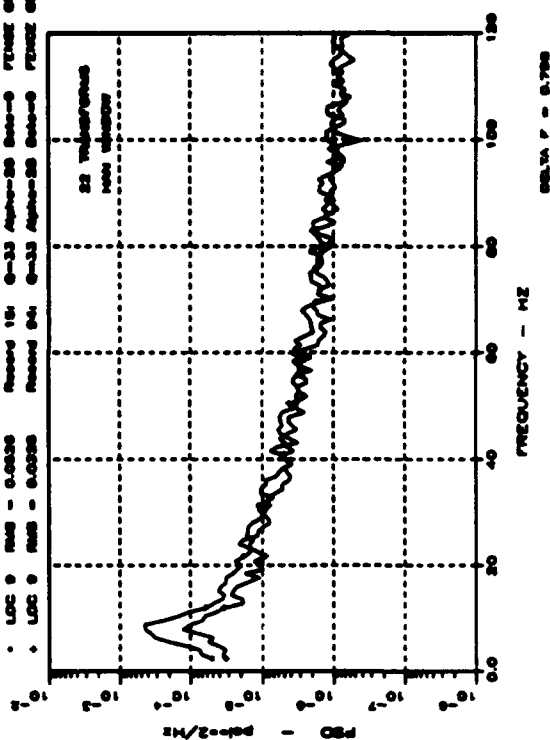
# F-16 Tail Buffet Test

• LDC 10 RMS = 0.0700 Record 16: Q-33 Alpha=20 Beta=0 FENCE OFF  
 • LDC 10 RMS = 0.0430 Record 94: Q-33 Alpha=20 Beta=0 FENCE ON



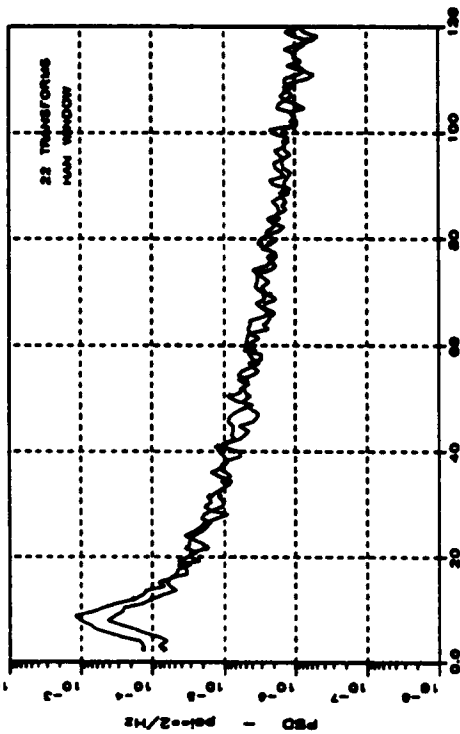
# F-16 Tail Buffet Test

• LDC 9 RMS = 0.0000 Record 16: Q-33 Alpha=20 Beta=0 FENCE OFF  
 • LDC 9 RMS = 0.0000 Record 94: Q-33 Alpha=20 Beta=0 FENCE ON



# F-16 Tail Buffet Test

LOC 18 RMS = 0.0794 Record 18: Q-33 Alpha-28 Beta-0 FENCE OFF  
 LOC 18 RMS = 0.0835 Record 94: Q-33 Alpha-28 Beta-0 FENCE ON

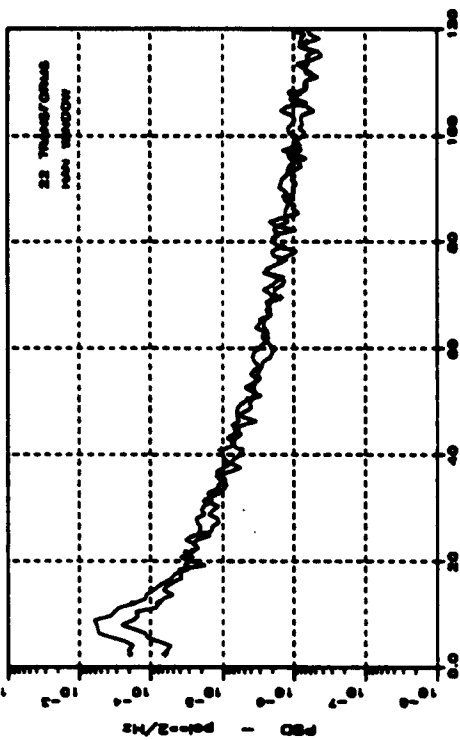


FREQUENCY - HZ

DELTA P = 0.798

# F-16 Tail Buffet Test

LOC 18 RMS = 0.0888 Record 18: Q-33 Alpha-28 Beta-0 FENCE OFF  
 LOC 18 RMS = 0.0989 Record 94: Q-33 Alpha-28 Beta-0 FENCE ON

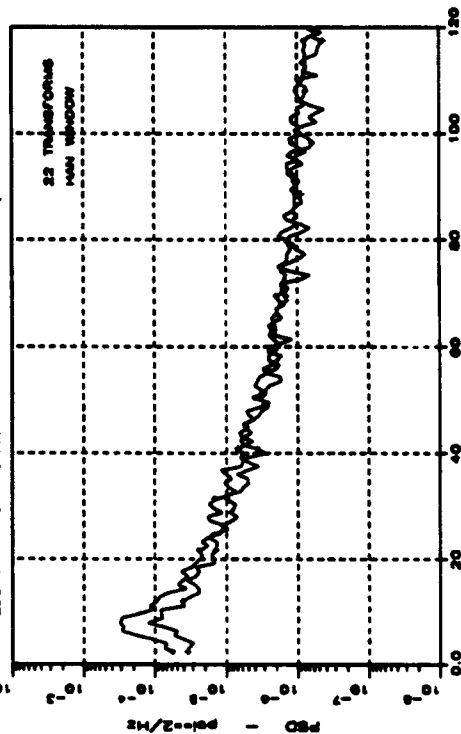


FREQUENCY - HZ

DELTA P = 0.798

# F-16 Tail Buffet Test

LOC 14 RMS = 0.0488 Record 18: Q-33 Alpha-28 Beta-0 FENCE OFF  
 LOC 14 RMS = 0.0337 Record 94: Q-33 Alpha-28 Beta-0 FENCE ON

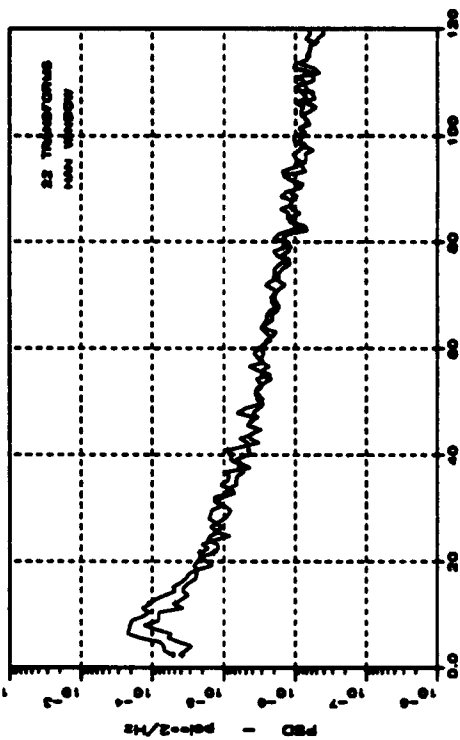


FREQUENCY - HZ

DELTA P = 0.798

# F-16 Tail Buffet Test

LOC 13 RMS = 0.0482 Record 18: Q-33 Alpha-28 Beta-0 FENCE OFF  
 LOC 13 RMS = 0.0381 Record 94: Q-33 Alpha-28 Beta-0 FENCE ON

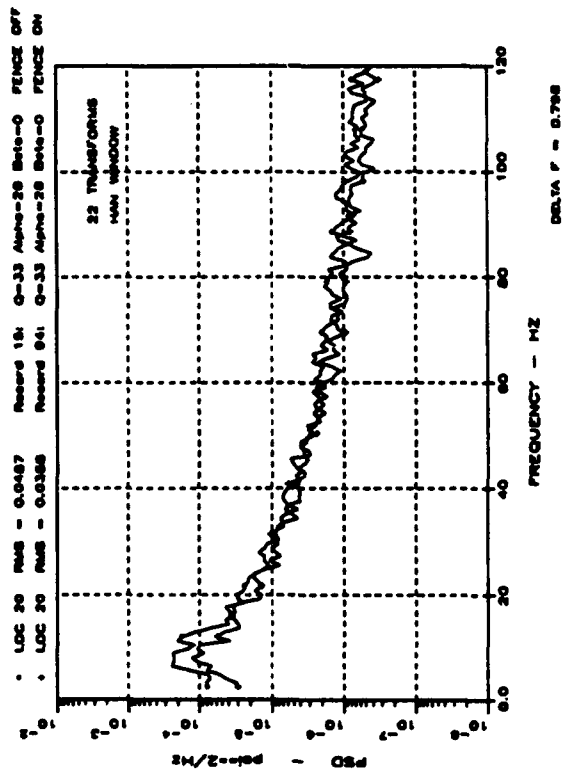


FREQUENCY - HZ

DELTA P = 0.798

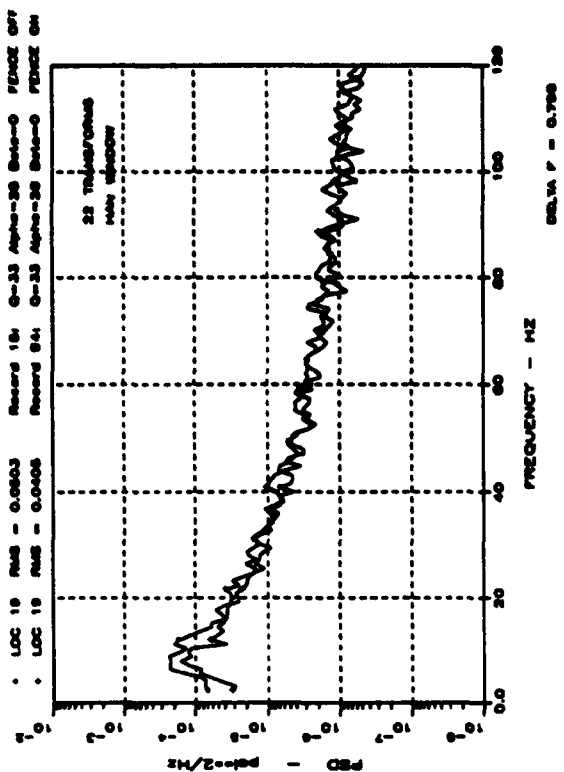
# F-16 Tail Buffet Test

LOC 20 RMS = 0.0467 Record 16: Q-33 Alpha-26 Beta-0 FENCE OFF  
 LOC 20 RMS = 0.0366 Record 94: Q-33 Alpha-26 Beta-0 FENCE ON



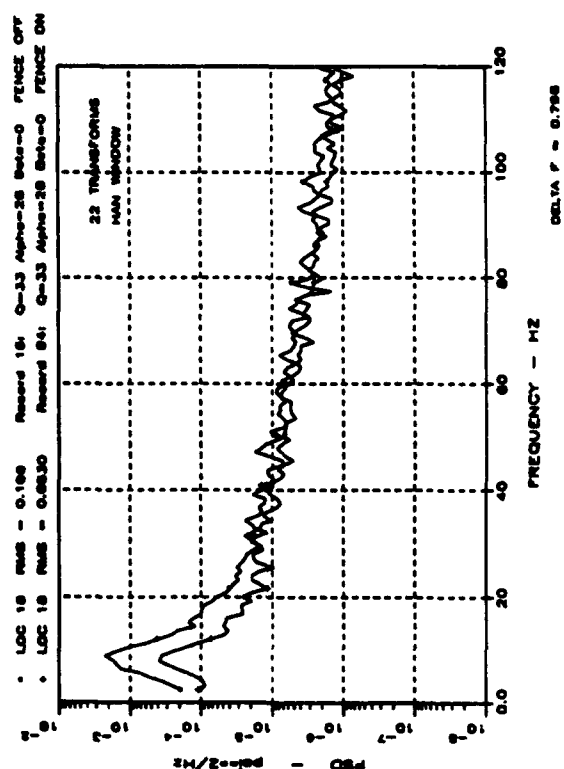
# F-16 Tail Buffet Test

LOC 19 RMS = 0.0003 Record 16: Q-33 Alpha-26 Beta-0 FENCE OFF  
 LOC 19 RMS = 0.0005 Record 94: Q-33 Alpha-26 Beta-0 FENCE ON



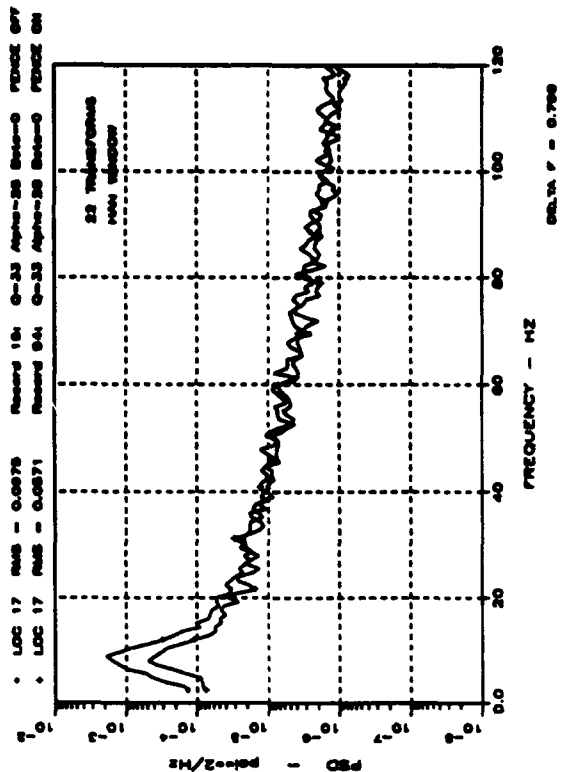
# F-16 Tail Buffet Test

LOC 18 RMS = 0.166 Record 16: Q-33 Alpha-26 Beta-0 FENCE OFF  
 LOC 18 RMS = 0.0830 Record 94: Q-33 Alpha-26 Beta-0 FENCE ON



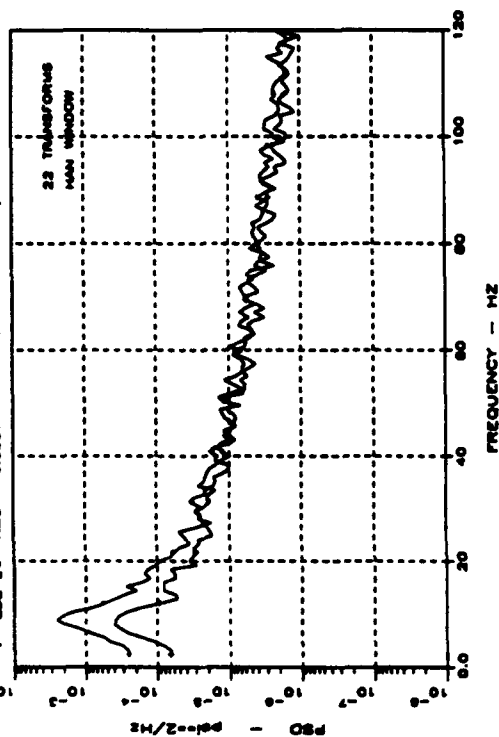
# F-16 Tail Buffet Test

LOC 17 RMS = 0.0076 Record 16: Q-33 Alpha-26 Beta-0 FENCE OFF  
 LOC 17 RMS = 0.0071 Record 94: Q-33 Alpha-26 Beta-0 FENCE ON



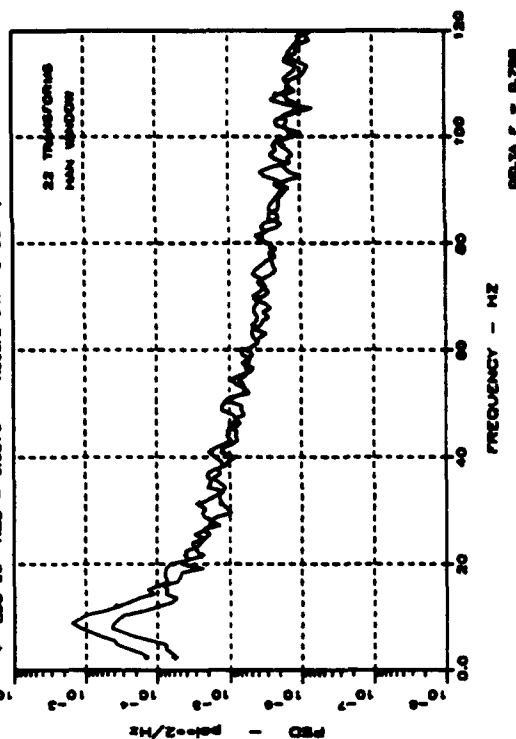
F-18 Tail Buffet Test

LOC 24 RMS = 0.113 Record 18: Q-33 Alpha=28 Beta=0 FENCE OFF  
LOC 24 RMS = 0.0887 Record 84: Q-33 Alpha=28 Beta=0 FENCE ON



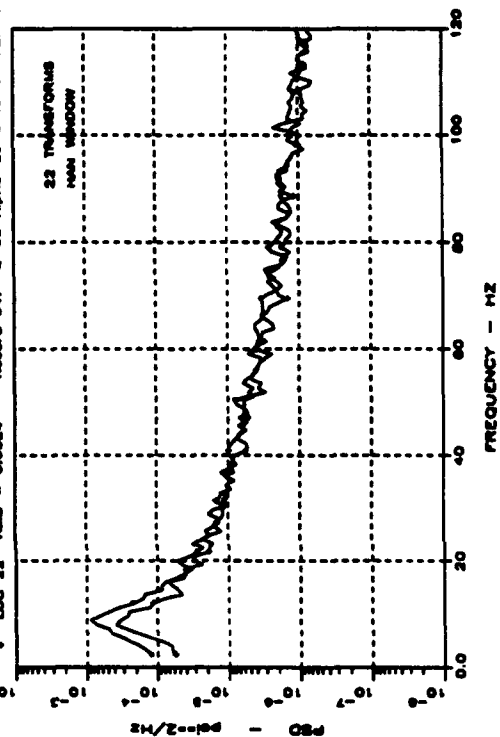
F-18 Tail Buffet Test

LOC 23 RMS = 0.0826 Record 18: Q-33 Alpha=28 Beta=0 FENCE OFF  
LOC 23 RMS = 0.0876 Record 84: Q-33 Alpha=28 Beta=0 FENCE ON



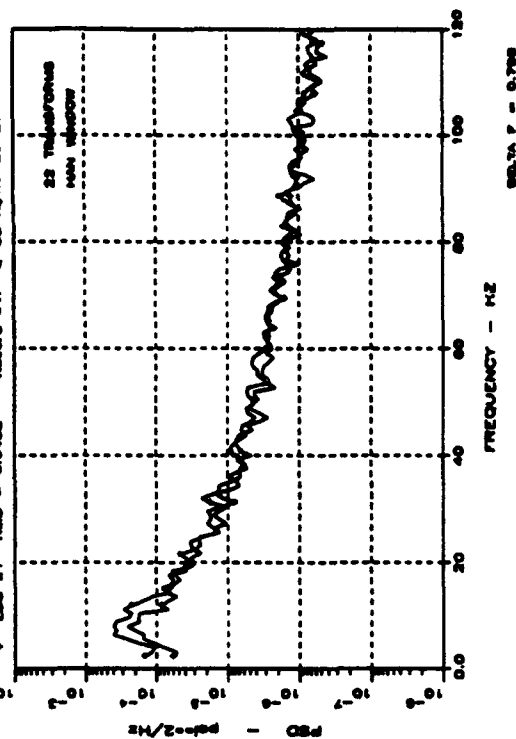
F-18 Tail Buffet Test

LOC 22 RMS = 0.0727 Record 18: Q-33 Alpha=28 Beta=0 FENCE OFF  
LOC 22 RMS = 0.0824 Record 84: Q-33 Alpha=28 Beta=0 FENCE ON



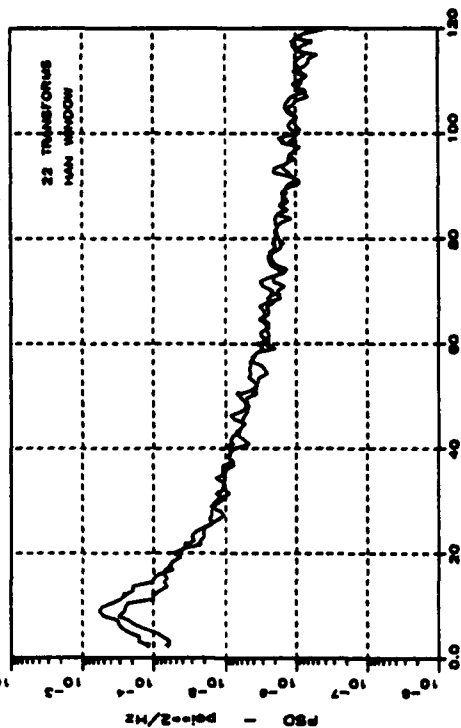
F-18 Tail Buffet Test

LOC 21 RMS = 0.0814 Record 18: Q-33 Alpha=28 Beta=0 FENCE OFF  
LOC 21 RMS = 0.0882 Record 84: Q-33 Alpha=28 Beta=0 FENCE ON



F-16 Tail Buffet Test

• LOC 26 RMS = 0.0874 Record 15: Q-33 Alpha-25 Beta-0 FENCE OFF  
 • LOC 26 RMS = 0.0817 Record 94: Q-33 Alpha-25 Beta-0 FENCE ON

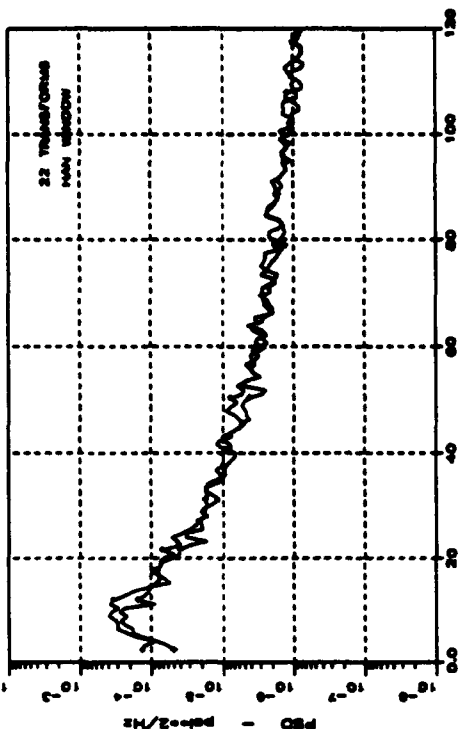


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 27 RMS = 0.0852 Record 15: Q-33 Alpha-25 Beta-0 FENCE OFF  
 • LOC 27 RMS = 0.0845 Record 94: Q-33 Alpha-25 Beta-0 FENCE ON

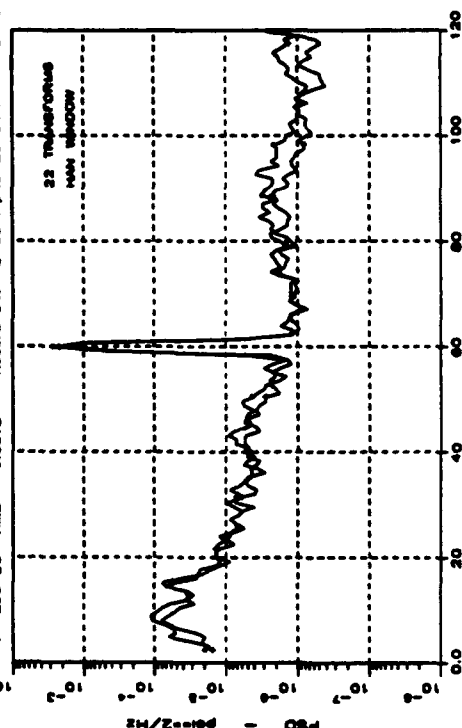


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 26 RMS = 0.0846 Record 15: Q-33 Alpha-25 Beta-0 FENCE OFF  
 • LOC 26 RMS = 0.0815 Record 94: Q-33 Alpha-25 Beta-0 FENCE ON

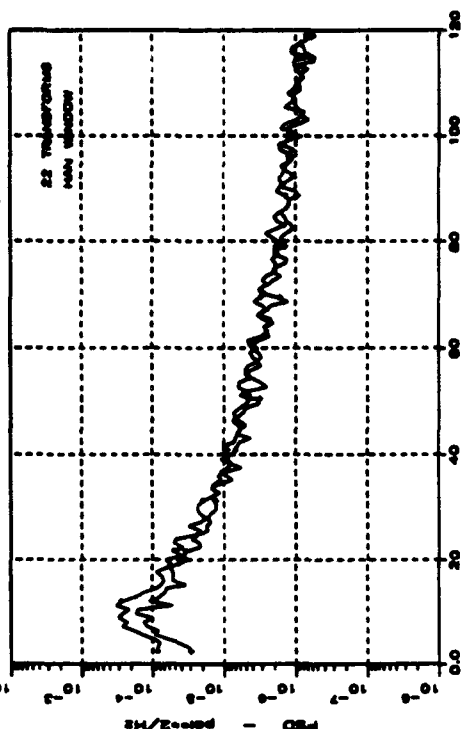


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 26 RMS = 0.0850 Record 15: Q-33 Alpha-25 Beta-0 FENCE OFF  
 • LOC 26 RMS = 0.0836 Record 94: Q-33 Alpha-25 Beta-0 FENCE ON

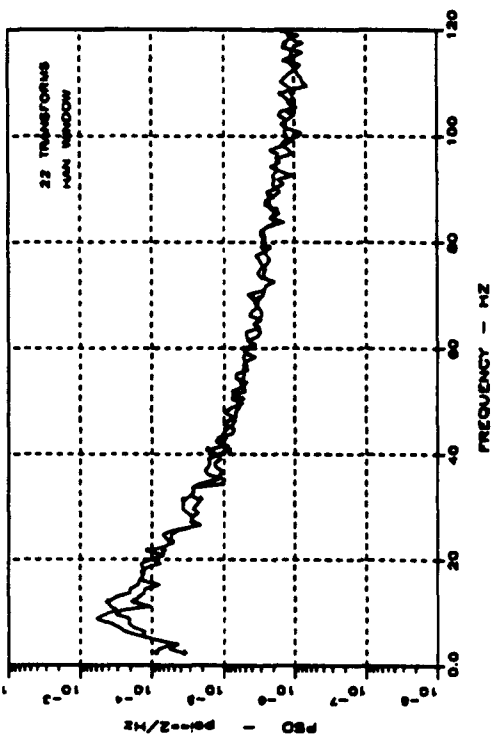


FREQUENCY - HZ

DELTA F = 0.798

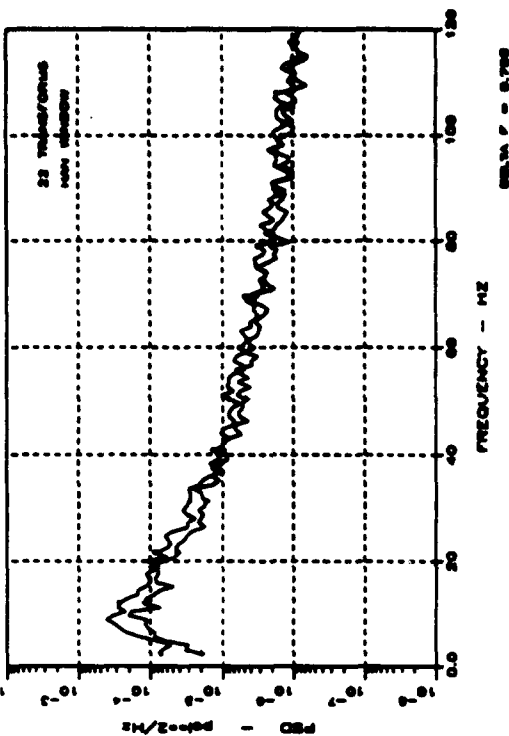
F-16 Tail Buffet Test

LOC 32 RMS = 0.0715 Record 15: Q-33 Alpha-28 Beta-0 FENCE OFF  
 LOC 32 RMS = 0.0880 Record 94: Q-33 Alpha-28 Beta-0 FENCE ON



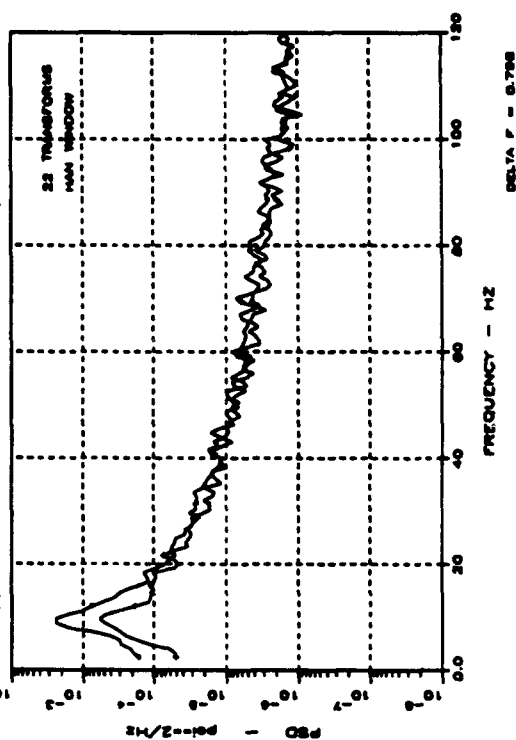
F-16 Tail Buffet Test

LOC 31 RMS = 0.0841 Record 15: Q-33 Alpha-28 Beta-0 FENCE OFF  
 LOC 31 RMS = 0.0479 Record 94: Q-33 Alpha-28 Beta-0 FENCE ON



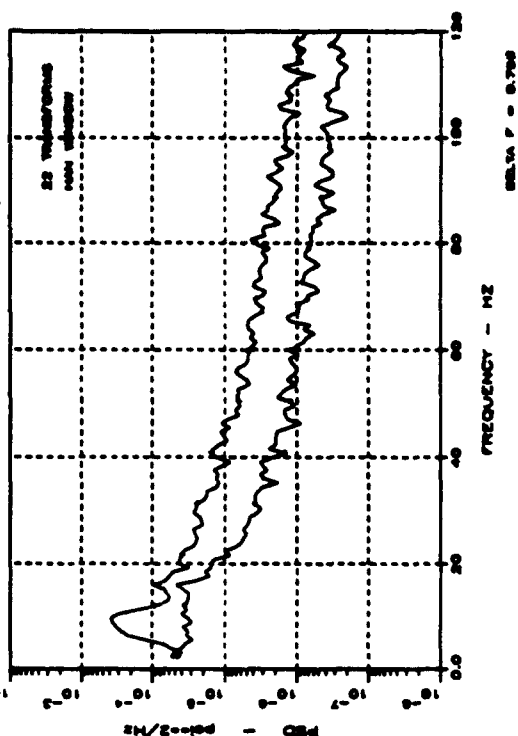
F-16 Tail Buffet Test

LOC 30 RMS = 0.111 Record 15: Q-33 Alpha-28 Beta-0 FENCE OFF  
 LOC 30 RMS = 0.0885 Record 94: Q-33 Alpha-28 Beta-0 FENCE ON



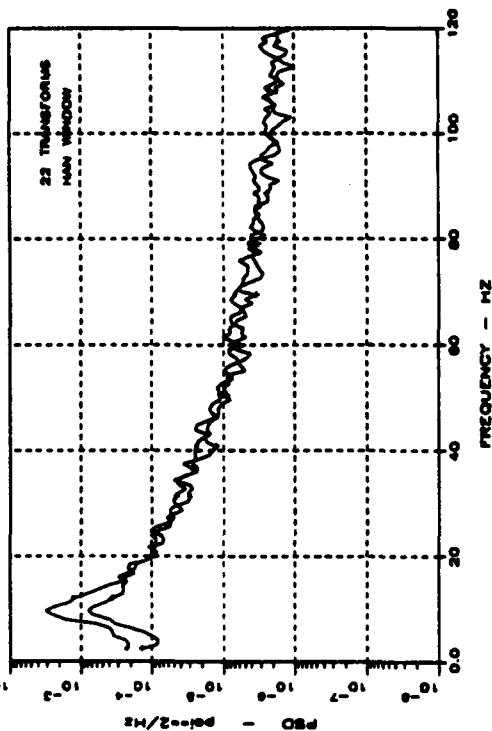
F-16 Tail Buffet Test

LOC 29 RMS = 0.0379 Record 15: Q-33 Alpha-28 Beta-0 FENCE OFF  
 LOC 29 RMS = 0.0604 Record 94: Q-33 Alpha-28 Beta-0 FENCE ON



# F-18 Tail Buffet Test

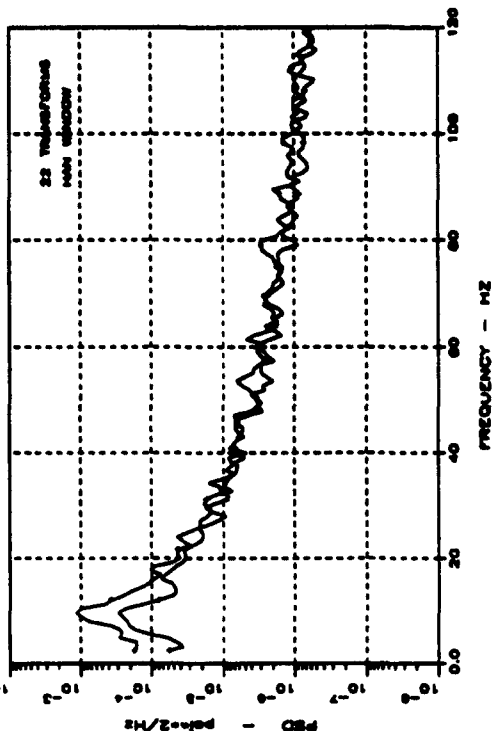
LOC 36 RMS = 0.126 Record 16: Q-33 Alpha=20 Beta=0 FENCE OFF  
LOC 36 RMS = 0.0818 Record 84: Q-33 Alpha=20 Beta=0 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

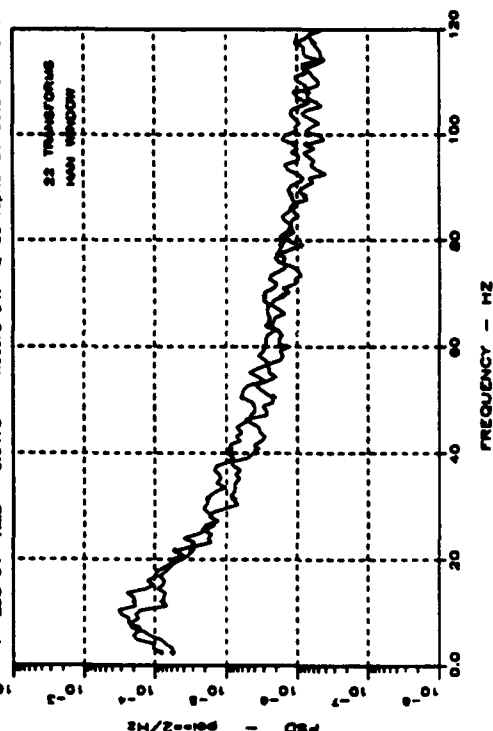
LOC 36 RMS = 0.0810 Record 16: Q-33 Alpha=20 Beta=0 FENCE OFF  
LOC 36 RMS = 0.0480 Record 84: Q-33 Alpha=20 Beta=0 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

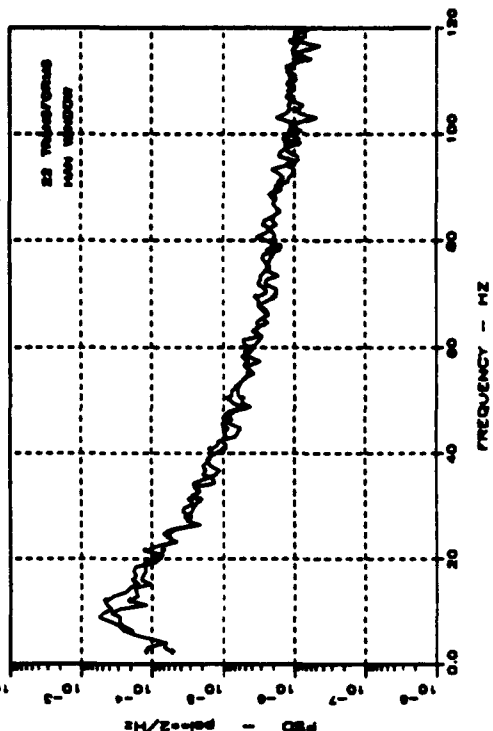
LOC 34 RMS = 0.0883 Record 16: Q-33 Alpha=20 Beta=0 FENCE OFF  
LOC 34 RMS = 0.0478 Record 84: Q-33 Alpha=20 Beta=0 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 33 RMS = 0.0736 Record 16: Q-33 Alpha=20 Beta=0 FENCE OFF  
LOC 33 RMS = 0.0530 Record 84: Q-33 Alpha=20 Beta=0 FENCE ON



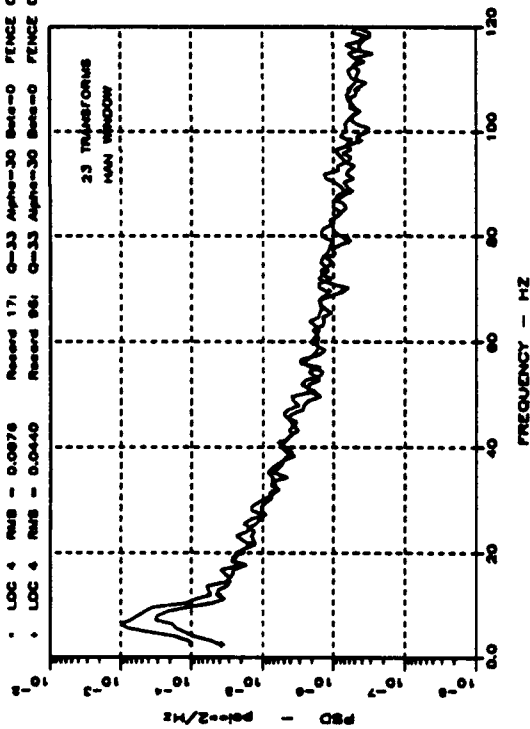
DELTA F = 0.798





F-16 Tail Buffet Test

LOC 4 RMS = 0.0076 Record 17: Q-33 Alpha-30 Beta=0 FENCE OFF  
LOC 4 RMS = 0.0040 Record 96: Q-33 Alpha-30 Beta=0 FENCE ON

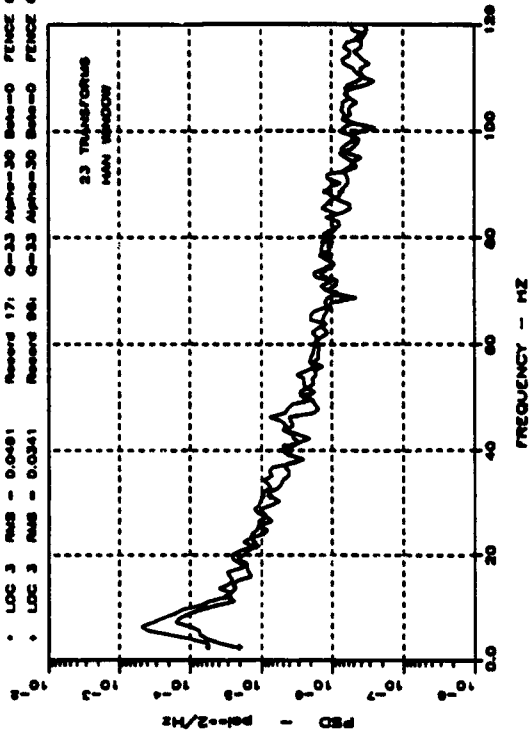


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 3 RMS = 0.0481 Record 17: Q-33 Alpha-30 Beta=0 FENCE OFF  
LOC 3 RMS = 0.0341 Record 96: Q-33 Alpha-30 Beta=0 FENCE ON

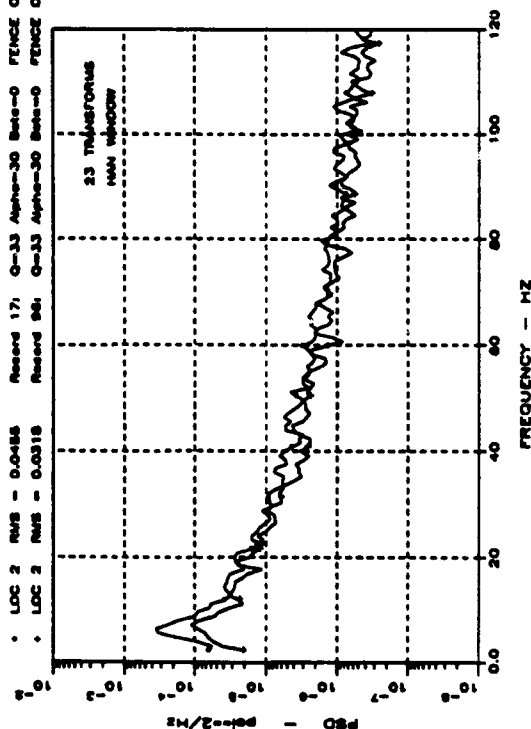


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 2 RMS = 0.0485 Record 17: Q-33 Alpha-30 Beta=0 FENCE OFF  
LOC 2 RMS = 0.0318 Record 96: Q-33 Alpha-30 Beta=0 FENCE ON

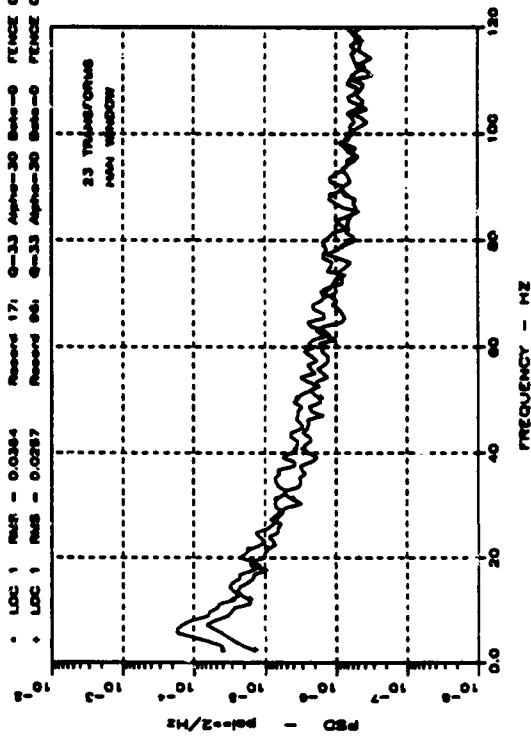


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 1 RMS = 0.0384 Record 17: Q-33 Alpha-30 Beta=0 FENCE OFF  
LOC 1 RMS = 0.0257 Record 96: Q-33 Alpha-30 Beta=0 FENCE ON

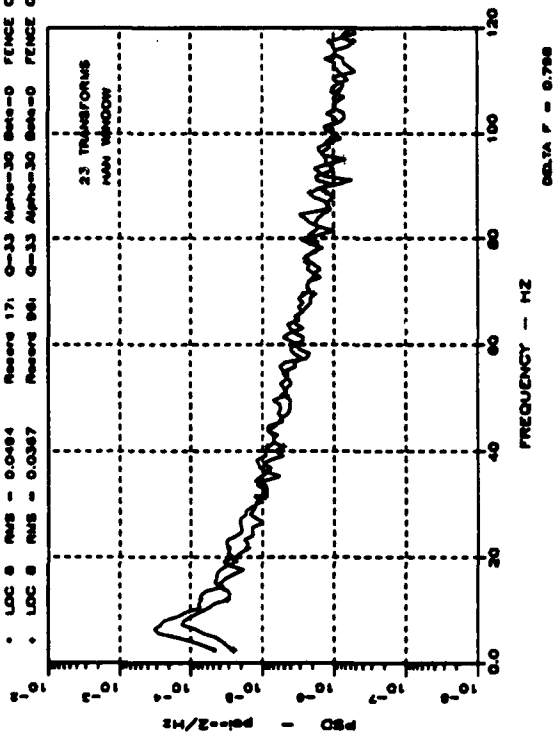


FREQUENCY - HZ

DELTA F = 0.798

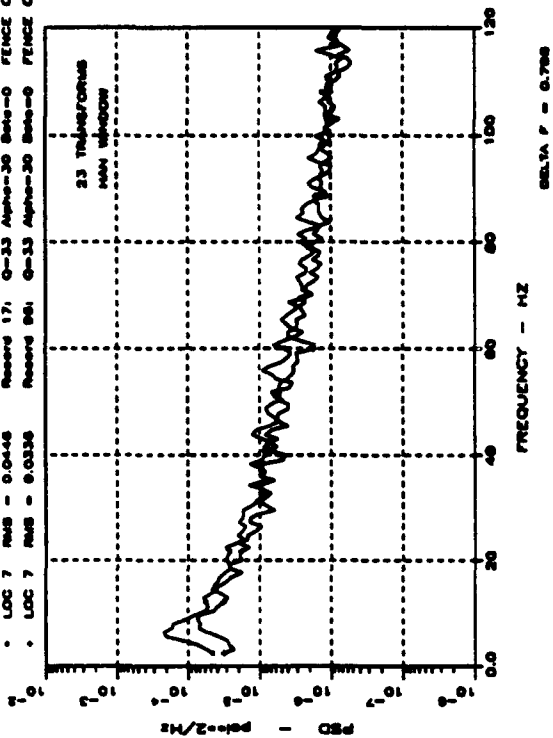
# F-16 Tail Buffet Test

• LOC 8 RMS = 0.0484 Record 17: Q-33 Alpha-30 Beta=0 FENCE OFF  
 • LOC 8 RMS = 0.0387 Record 94: Q-33 Alpha-30 Beta=0 FENCE ON



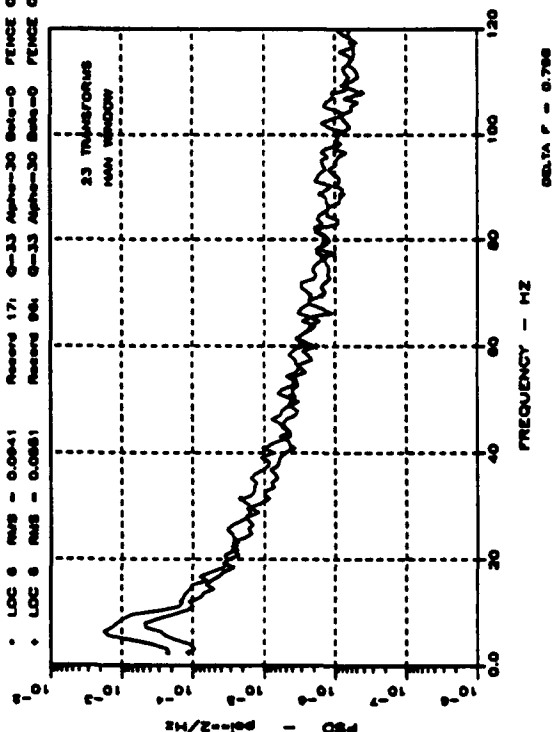
# F-16 Tail Buffet Test

• LOC 7 RMS = 0.0456 Record 17: Q-33 Alpha-30 Beta=0 FENCE OFF  
 • LOC 7 RMS = 0.0356 Record 94: Q-33 Alpha-30 Beta=0 FENCE ON



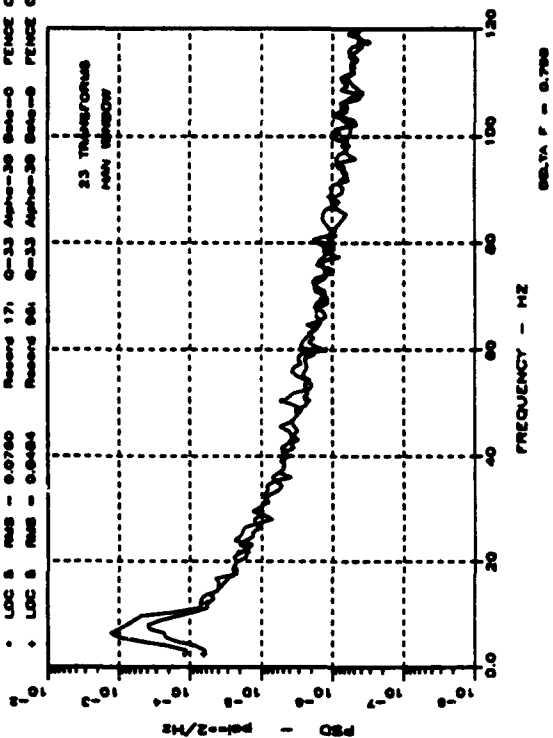
# F-16 Tail Buffet Test

• LOC 8 RMS = 0.0441 Record 17: Q-33 Alpha-30 Beta=0 FENCE OFF  
 • LOC 8 RMS = 0.0381 Record 94: Q-33 Alpha-30 Beta=0 FENCE ON



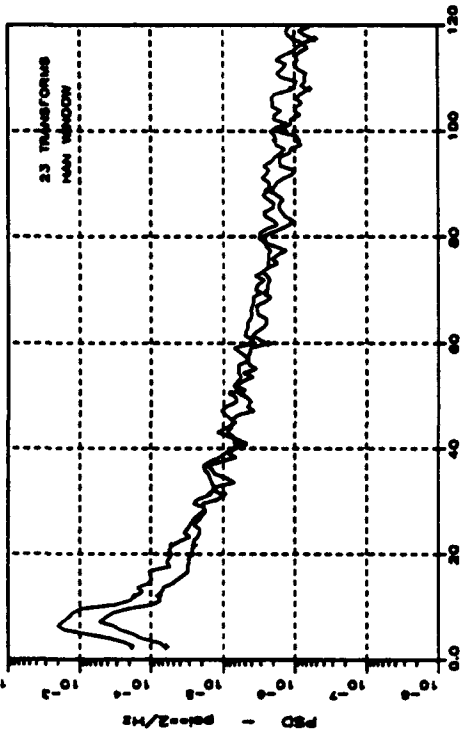
# F-16 Tail Buffet Test

• LOC 8 RMS = 0.0700 Record 17: Q-33 Alpha-30 Beta=0 FENCE OFF  
 • LOC 8 RMS = 0.0484 Record 94: Q-33 Alpha-30 Beta=0 FENCE ON



# F-18 Tail Buffet Test

LOC 12 RMS = 0.103    Record 17: Q-33 Alpha=30 Beta=0    FENCE OFF  
 LOC 12 RMS = 0.0860    Record 96: Q-33 Alpha=30 Beta=0    FENCE ON

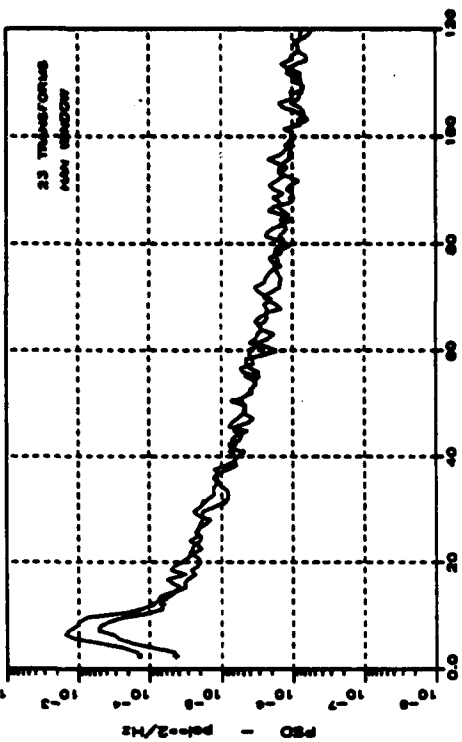


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 11 RMS = 0.0870    Record 17: Q-33 Alpha=30 Beta=0    FENCE OFF  
 LOC 11 RMS = 0.0848    Record 96: Q-33 Alpha=30 Beta=0    FENCE ON

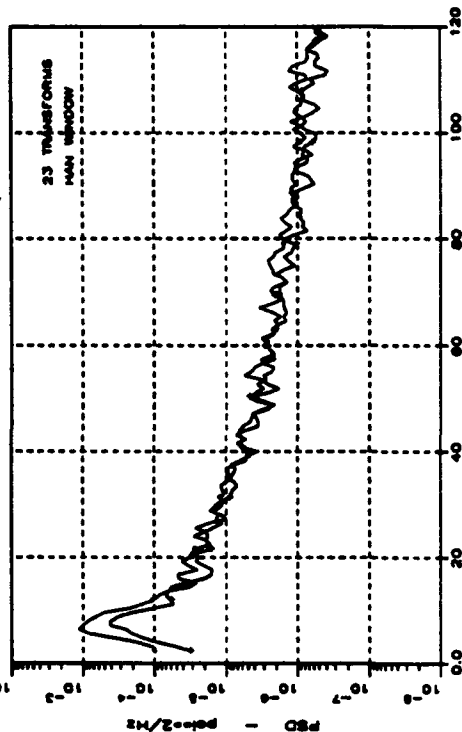


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 10 RMS = 0.0787    Record 17: Q-33 Alpha=30 Beta=0    FENCE OFF  
 LOC 10 RMS = 0.0806    Record 96: Q-33 Alpha=30 Beta=0    FENCE ON

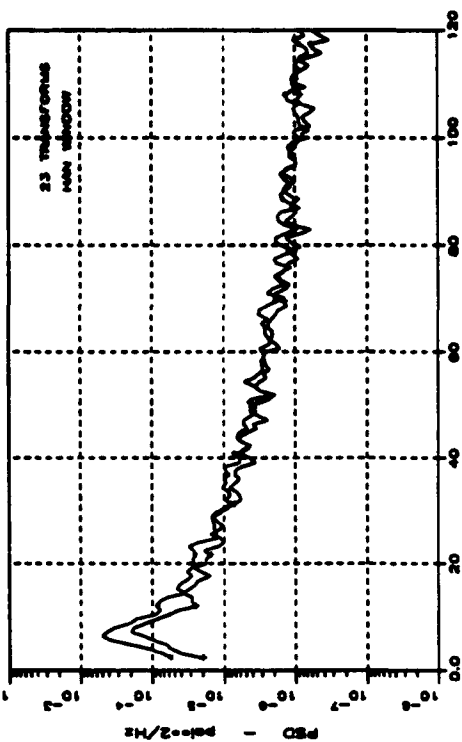


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 9 RMS = 0.0843    Record 17: Q-33 Alpha=30 Beta=0    FENCE OFF  
 LOC 9 RMS = 0.0379    Record 96: Q-33 Alpha=30 Beta=0    FENCE ON

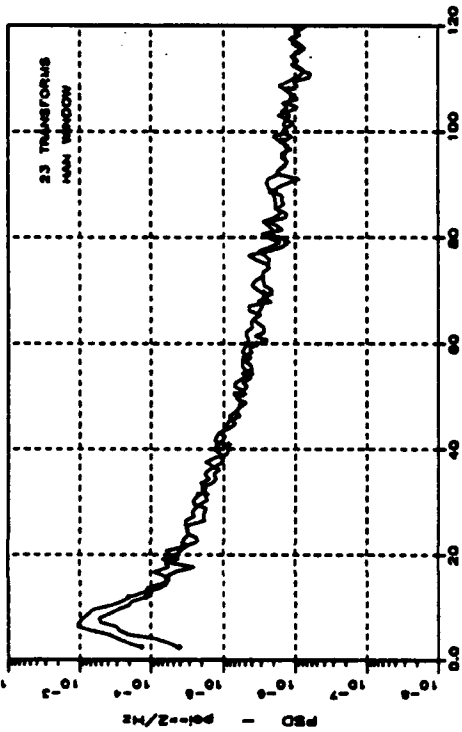


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 18 RMS = 0.0828 Record 17: Q-33 Alpha-30 Beta-0 FENCE OFF  
 • LOC 18 RMS = 0.0817 Record 96: Q-33 Alpha-30 Beta-0 FENCE ON

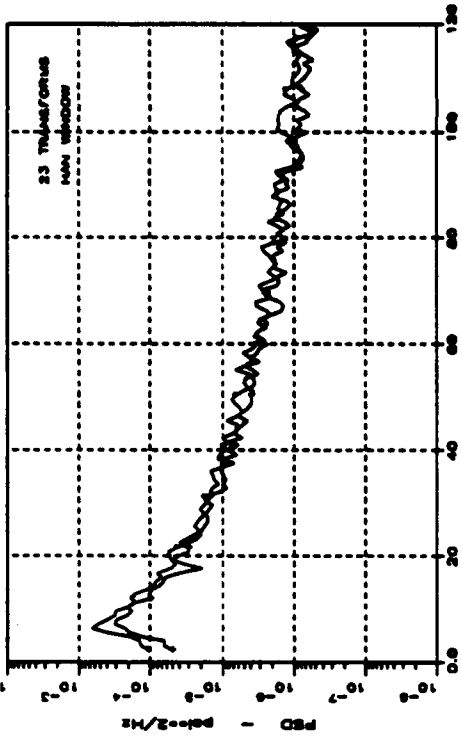


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 18 RMS = 0.0848 Record 17: Q-33 Alpha-30 Beta-0 FENCE OFF  
 • LOC 18 RMS = 0.0837 Record 96: Q-33 Alpha-30 Beta-0 FENCE ON

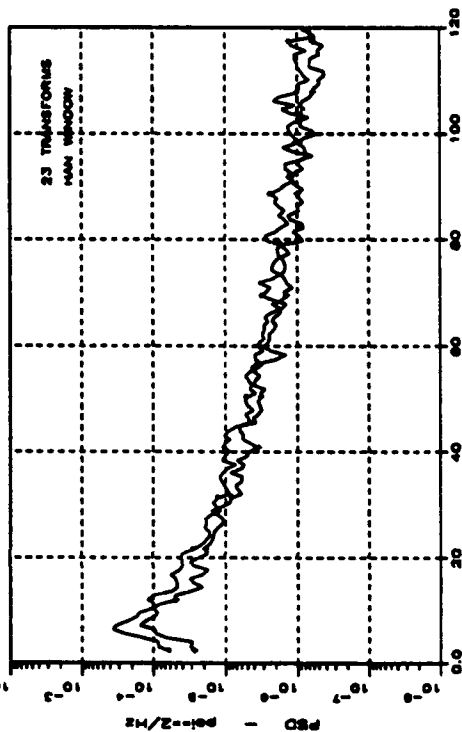


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 14 RMS = 0.0820 Record 17: Q-33 Alpha-30 Beta-0 FENCE OFF  
 • LOC 14 RMS = 0.0376 Record 96: Q-33 Alpha-30 Beta-0 FENCE ON

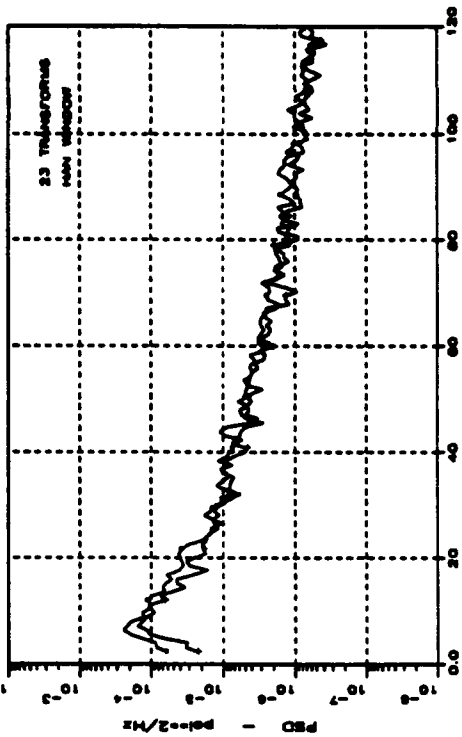


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

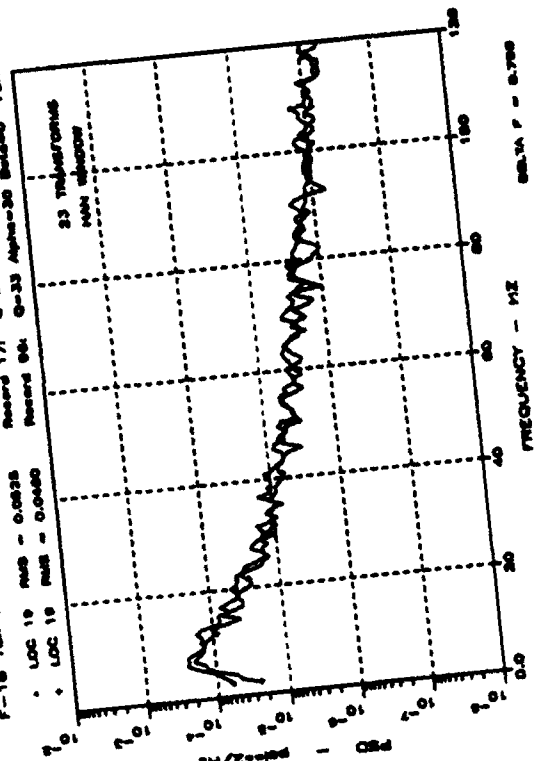
• LOC 13 RMS = 0.0408 Record 17: Q-33 Alpha-30 Beta-0 FENCE OFF  
 • LOC 13 RMS = 0.0401 Record 96: Q-33 Alpha-30 Beta-0 FENCE ON



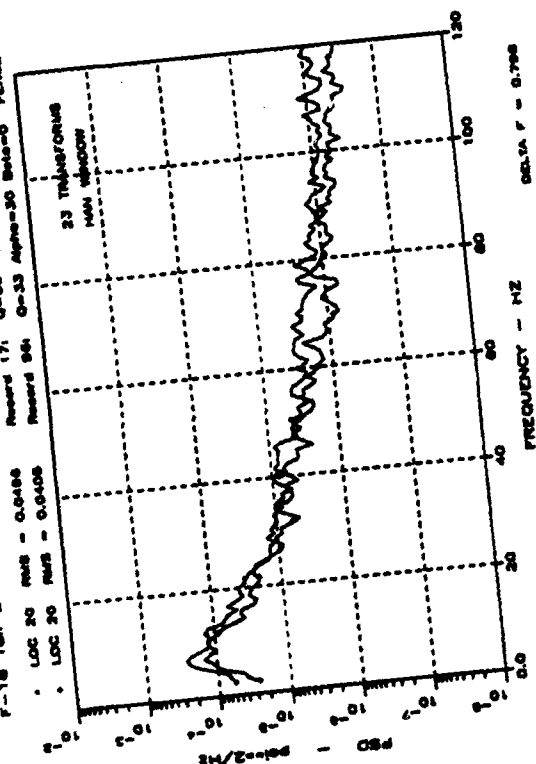
FREQUENCY - HZ

DELTA F = 0.798

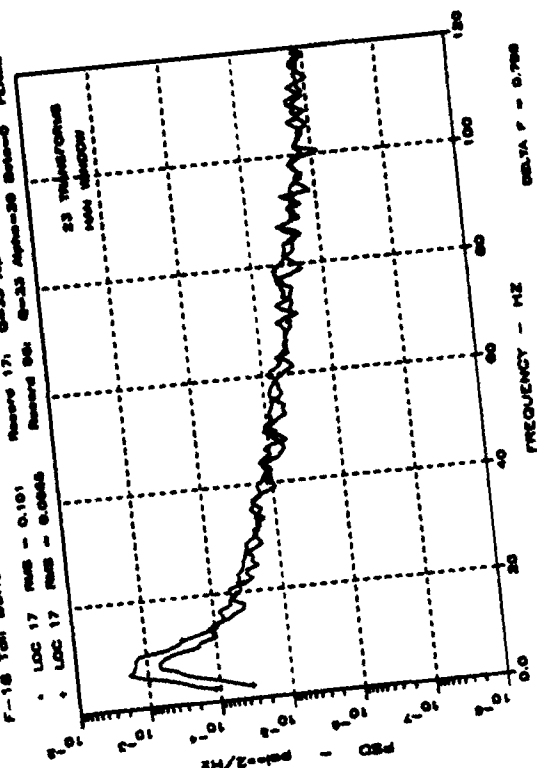
F-16 Tail Buffet Test



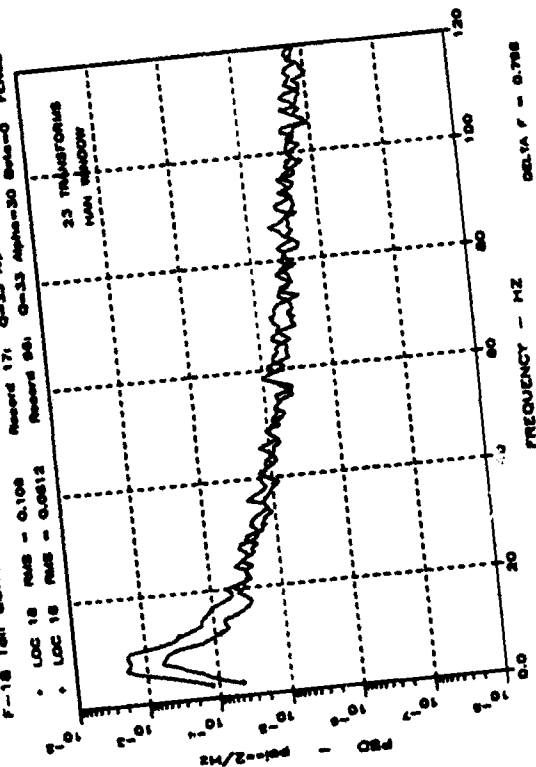
F-16 Tail Buffet Test



F-16 Tail Buffet Test

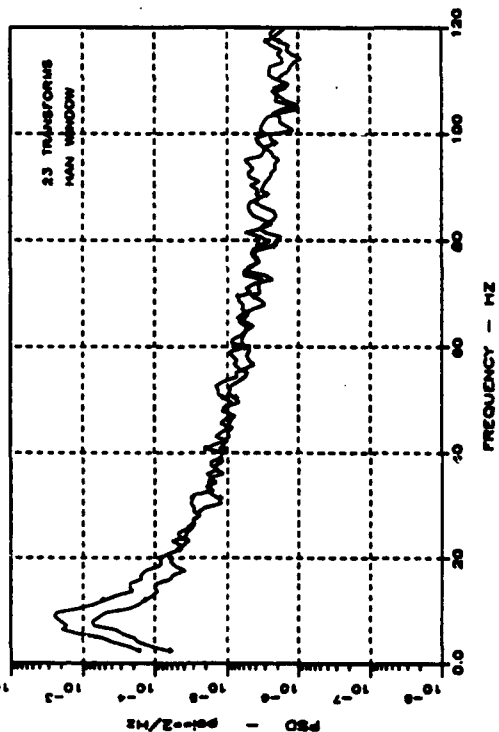


F-16 Tail Buffet Test



# F-16 Tail Buffet Test

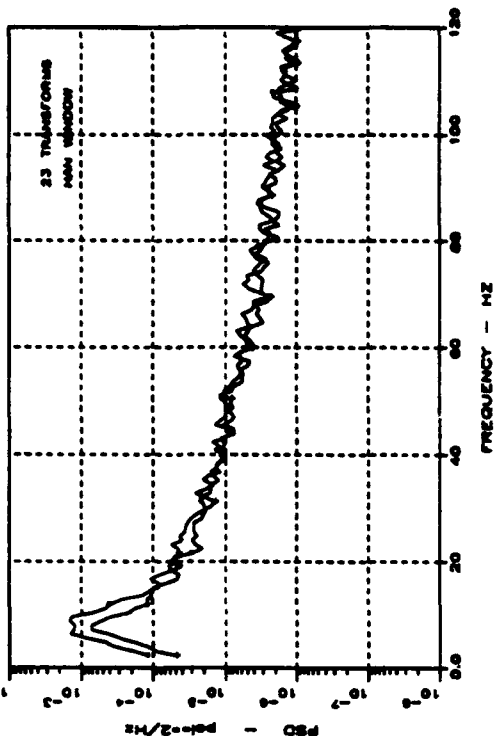
• LOC 24 RMS = 0.120 Record 17: Q-33 Alpha-30 Beta-0 FENCE OFF  
 • LOC 24 RMS = 0.0888 Record 94: Q-33 Alpha-30 Beta-0 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

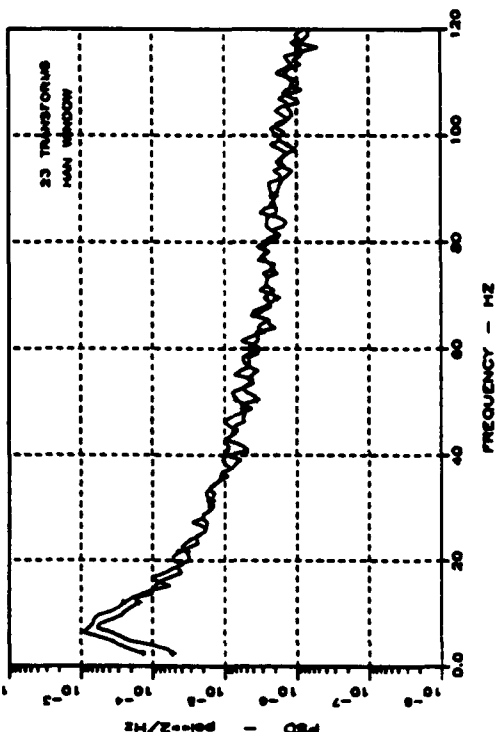
• LOC 23 RMS = 0.089 Record 17: Q-33 Alpha-30 Beta-0 FENCE OFF  
 • LOC 23 RMS = 0.0867 Record 94: Q-33 Alpha-30 Beta-0 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

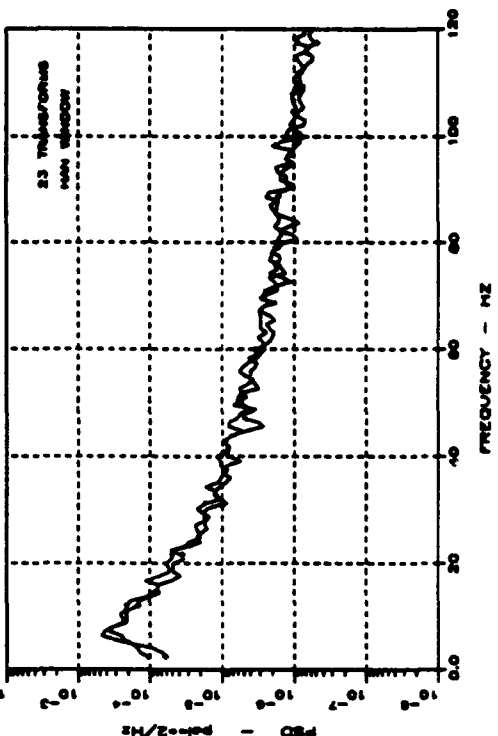
• LOC 22 RMS = 0.0780 Record 17: Q-33 Alpha-30 Beta-0 FENCE OFF  
 • LOC 22 RMS = 0.0833 Record 94: Q-33 Alpha-30 Beta-0 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

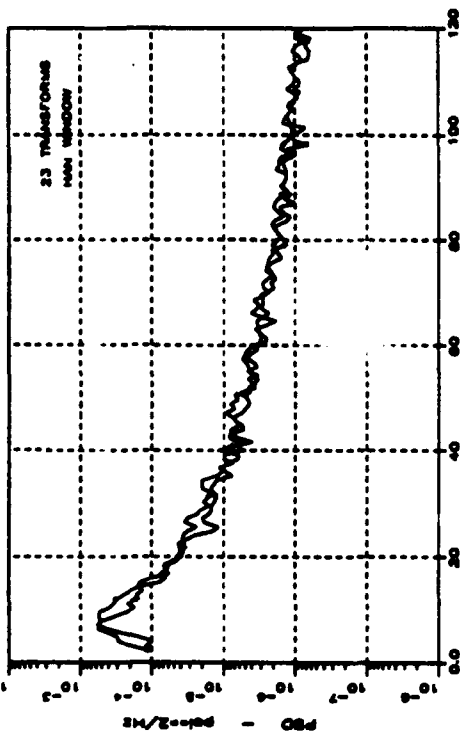
• LOC 21 RMS = 0.0830 Record 17: Q-33 Alpha-30 Beta-0 FENCE OFF  
 • LOC 21 RMS = 0.0843 Record 94: Q-33 Alpha-30 Beta-0 FENCE ON



DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 26 RMS = 0.0735 Record 17: Q-33 Alpha-30 Beta-0 FENCE OFF  
 • LOC 26 RMS = 0.0841 Record 94: Q-33 Alpha-30 Beta-0 FENCE ON

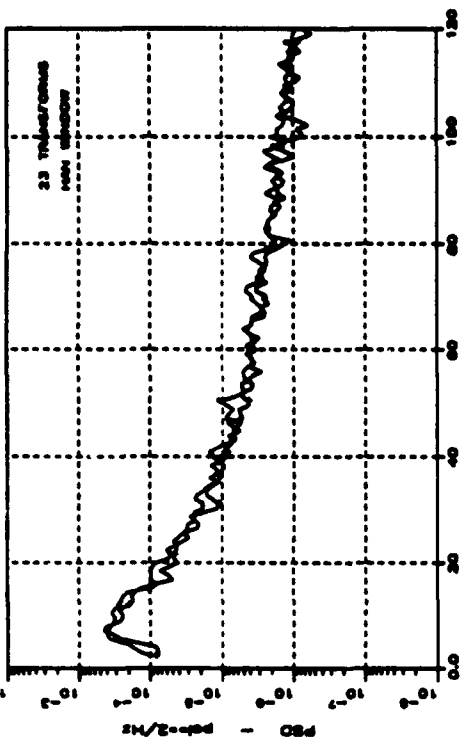


FREQUENCY - Hz

DELTA P = 0.798

F-16 Tail Buffet Test

• LOC 27 RMS = 0.0887 Record 17: Q-33 Alpha-30 Beta-0 FENCE OFF  
 • LOC 27 RMS = 0.0831 Record 94: Q-33 Alpha-30 Beta-0 FENCE ON

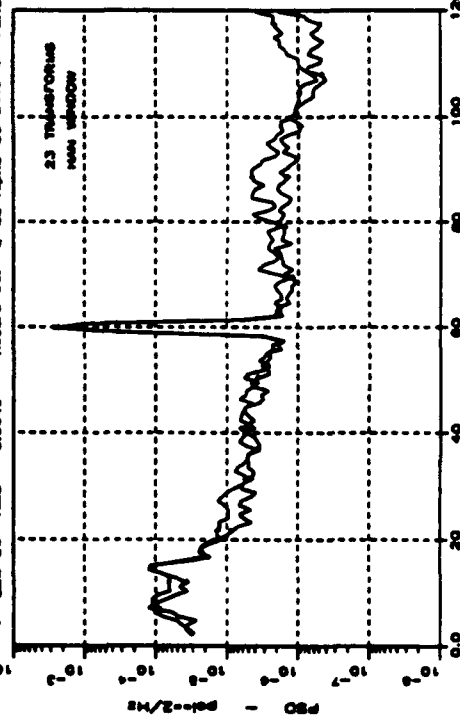


FREQUENCY - Hz

DELTA P = 0.798

F-16 Tail Buffet Test

• LOC 26 RMS = 0.0881 Record 17: Q-33 Alpha-30 Beta-0 FENCE OFF  
 • LOC 26 RMS = 0.0848 Record 94: Q-33 Alpha-30 Beta-0 FENCE ON

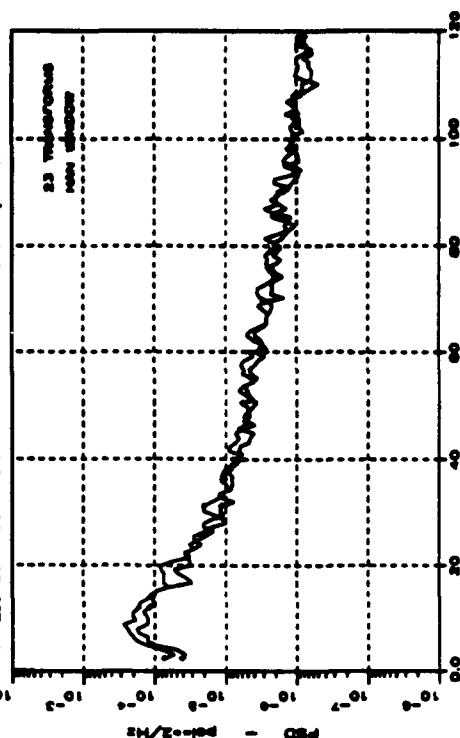


FREQUENCY - Hz

DELTA P = 0.798

F-16 Tail Buffet Test

• LOC 26 RMS = 0.0888 Record 17: Q-33 Alpha-30 Beta-0 FENCE OFF  
 • LOC 26 RMS = 0.0874 Record 94: Q-33 Alpha-30 Beta-0 FENCE ON

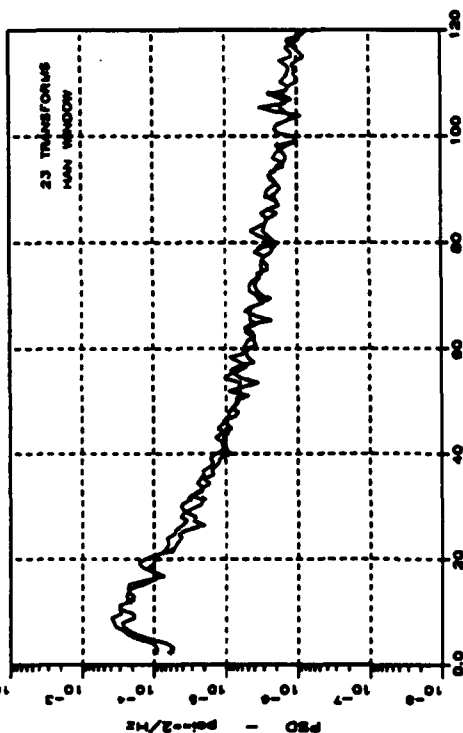


FREQUENCY - Hz

DELTA P = 0.798

# F-16 Tail Buffet Test

LOC 32 RMS = 0.0004 Record 17: Q-33 Alpha=30 Beta=0 FENCE OFF  
LOC 32 RMS = 0.0045 Record 96: Q-33 Alpha=30 Beta=0 FENCE ON

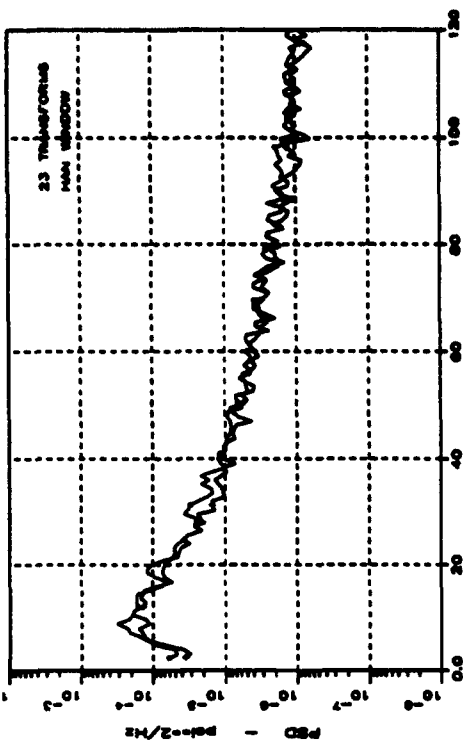


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 31 RMS = 0.0080 Record 17: Q-33 Alpha=30 Beta=0 FENCE OFF  
LOC 31 RMS = 0.0016 Record 96: Q-33 Alpha=30 Beta=0 FENCE ON

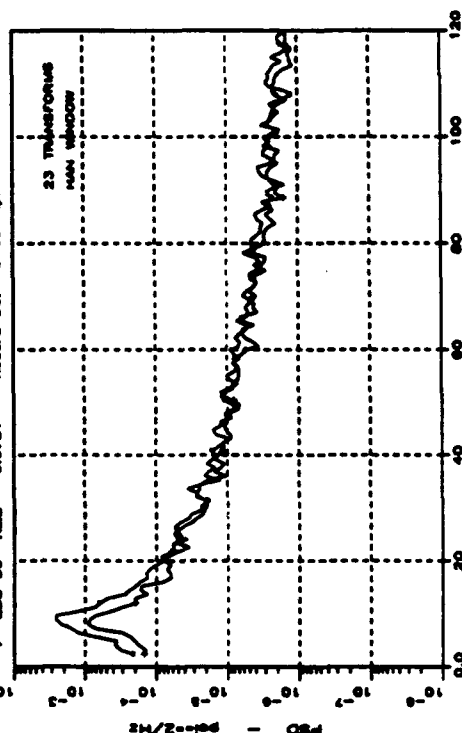


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 30 RMS = 0.120 Record 17: Q-33 Alpha=30 Beta=0 FENCE OFF  
LOC 30 RMS = 0.0781 Record 96: Q-33 Alpha=30 Beta=0 FENCE ON

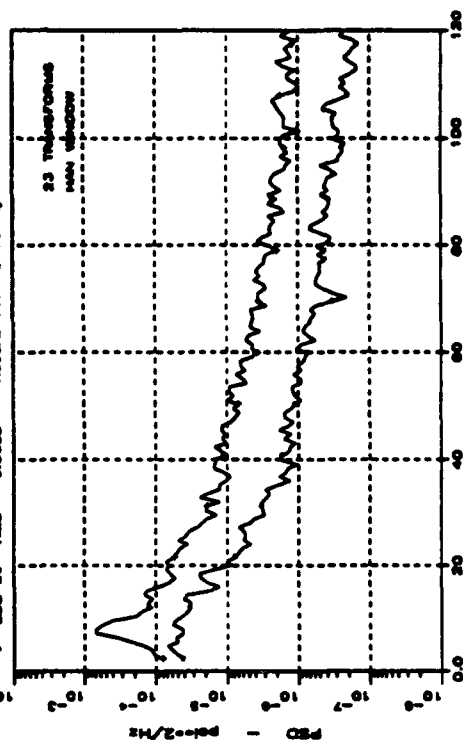


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 29 RMS = 0.0286 Record 17: Q-33 Alpha=30 Beta=0 FENCE OFF  
LOC 29 RMS = 0.0083 Record 96: Q-33 Alpha=30 Beta=0 FENCE ON



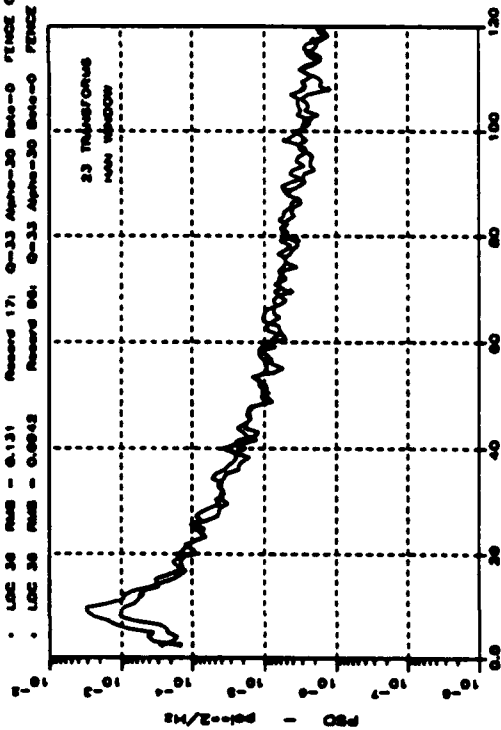
FREQUENCY - HZ

DELTA F = 0.798



# F-18 Test Buffet Test

LOC 34 RMS = 0.131 Record 17: Q-33 Alpha-30 Beta-0 FENCE OFF  
LOC 34 RMS = 0.0942 Record 04: Q-33 Alpha-30 Beta-0 FENCE ON

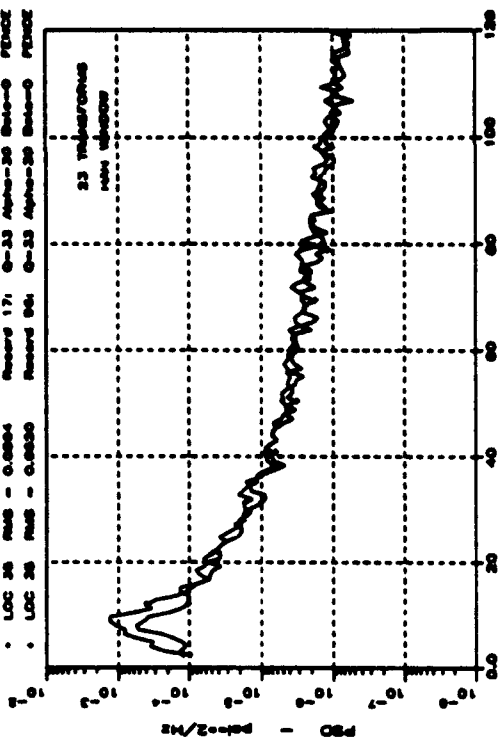


FREQUENCY - HZ

DELTA F = 0.796

# F-18 Test Buffet Test

LOC 34 RMS = 0.0904 Record 17: Q-33 Alpha-30 Beta-0 FENCE OFF  
LOC 34 RMS = 0.0930 Record 04: Q-33 Alpha-30 Beta-0 FENCE ON

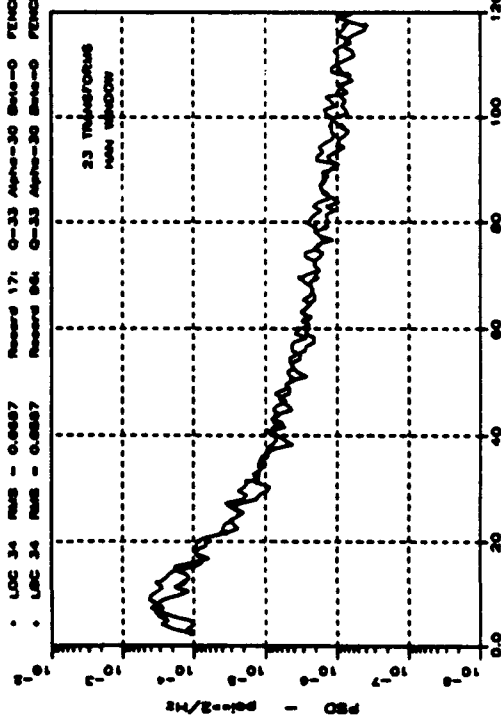


FREQUENCY - HZ

DELTA F = 0.796

# F-18 Test Buffet Test

LOC 34 RMS = 0.0907 Record 17: Q-33 Alpha-30 Beta-0 FENCE OFF  
LOC 34 RMS = 0.0907 Record 04: Q-33 Alpha-30 Beta-0 FENCE ON

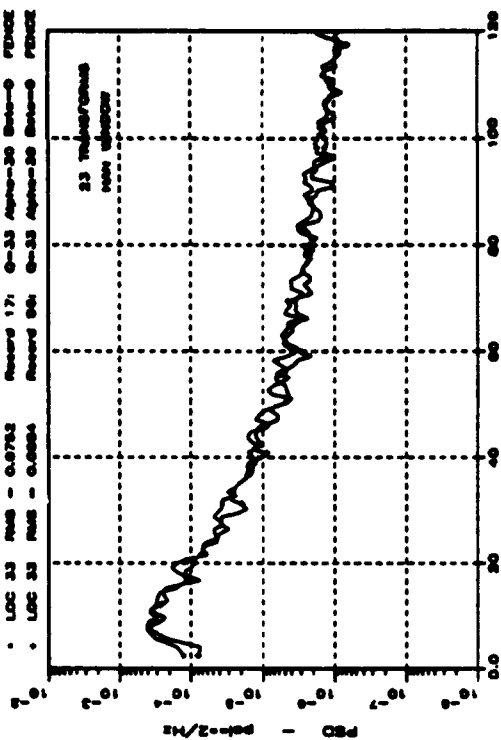


FREQUENCY - HZ

DELTA F = 0.796

# F-18 Test Buffet Test

LOC 33 RMS = 0.0762 Record 17: Q-33 Alpha-30 Beta-0 FENCE OFF  
LOC 33 RMS = 0.0804 Record 04: Q-33 Alpha-30 Beta-0 FENCE ON



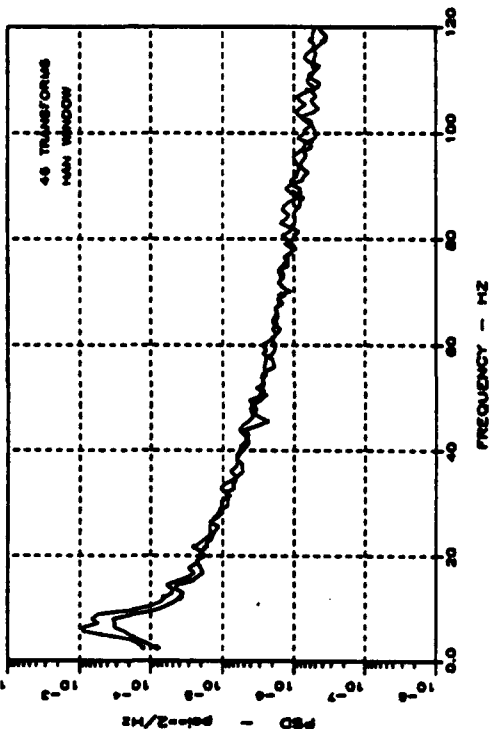
FREQUENCY - HZ

DELTA F = 0.796



# F-16 Tail Buffet Test

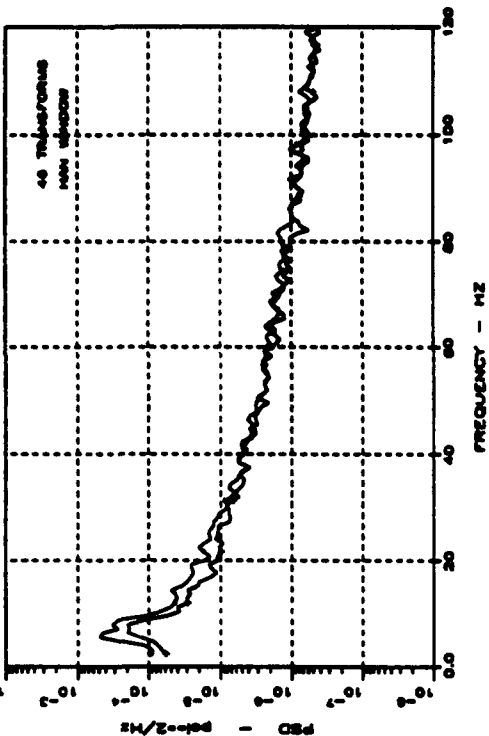
LOC 4 RMS = 0.0375 Record 10: Q=33 Alpha=32 Beta=0 FENCE OFF  
LOC 4 RMS = 0.0475 Record 90: Q=33 Alpha=32 Beta=0 FENCE ON



DELTA F = 0.796

# F-16 Tail Buffet Test

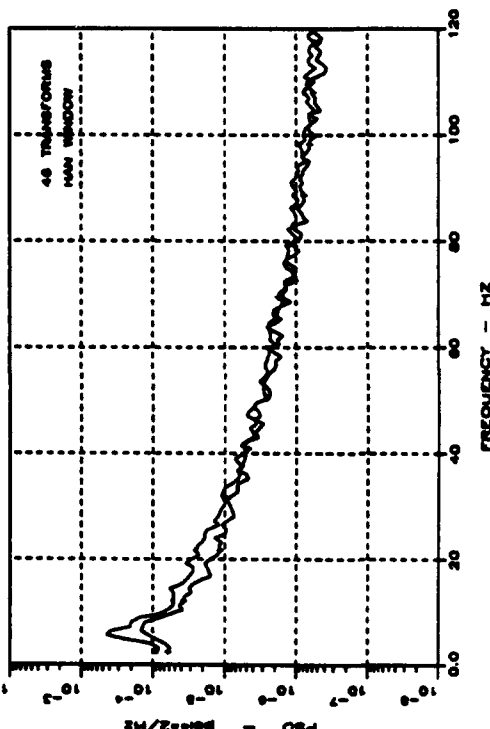
LOC 3 RMS = 0.0817 Record 10: Q=33 Alpha=32 Beta=0 FENCE OFF  
LOC 3 RMS = 0.0375 Record 90: Q=33 Alpha=32 Beta=0 FENCE ON



DELTA F = 0.796

# F-16 Tail Buffet Test

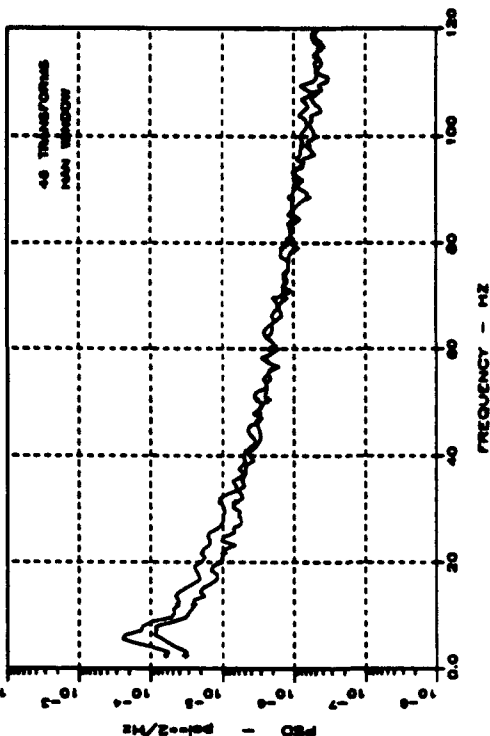
LOC 2 RMS = 0.0493 Record 10: Q=33 Alpha=32 Beta=0 FENCE OFF  
LOC 2 RMS = 0.0366 Record 90: Q=33 Alpha=32 Beta=0 FENCE ON



DELTA F = 0.796

# F-16 Tail Buffet Test

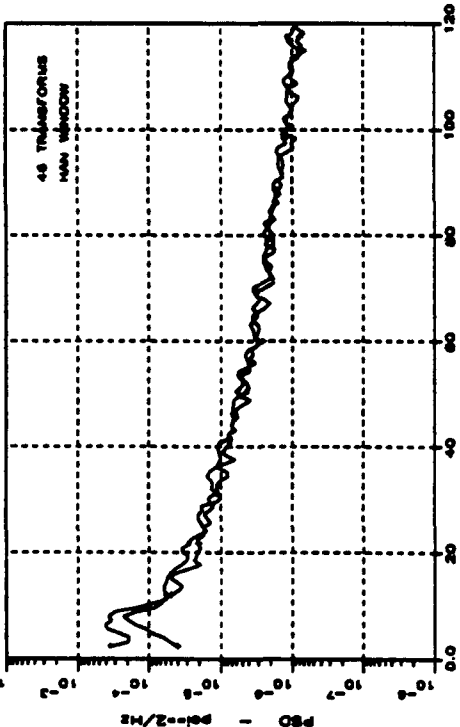
LOC 1 RMS = 0.0412 Record 10: Q=33 Alpha=32 Beta=0 FENCE OFF  
LOC 1 RMS = 0.0375 Record 90: Q=33 Alpha=32 Beta=0 FENCE ON



DELTA F = 0.796

# F-16 Tail Buffet Test

LOC 6 RMS = 0.0066 Record 10: Q=33 Alpha=32 Beta=0 FENCE OFF  
LOC 8 RMS = 0.0129 Record 98: Q=33 Alpha=32 Beta=0 FENCE ON

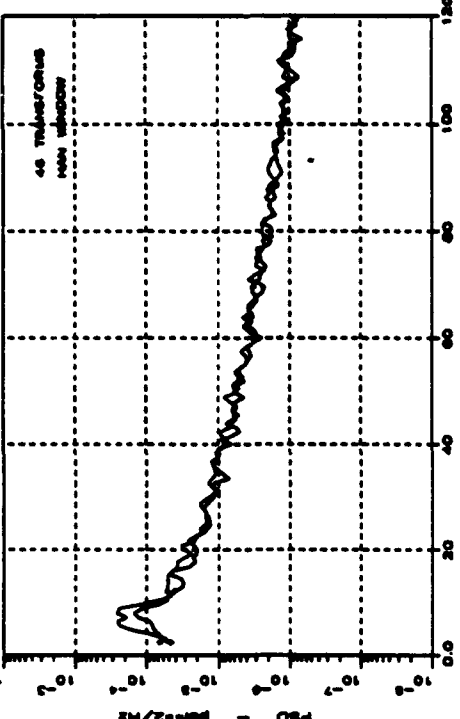


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 7 RMS = 0.0423 Record 10: Q=33 Alpha=32 Beta=0 FENCE OFF  
LOC 7 RMS = 0.0395 Record 98: Q=33 Alpha=32 Beta=0 FENCE ON

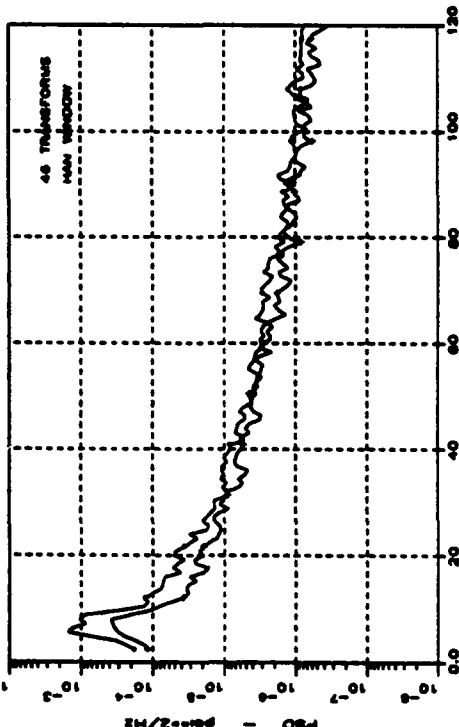


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 6 RMS = 0.0060 Record 10: Q=33 Alpha=32 Beta=0 FENCE OFF  
LOC 6 RMS = 0.0111 Record 98: Q=33 Alpha=32 Beta=0 FENCE ON

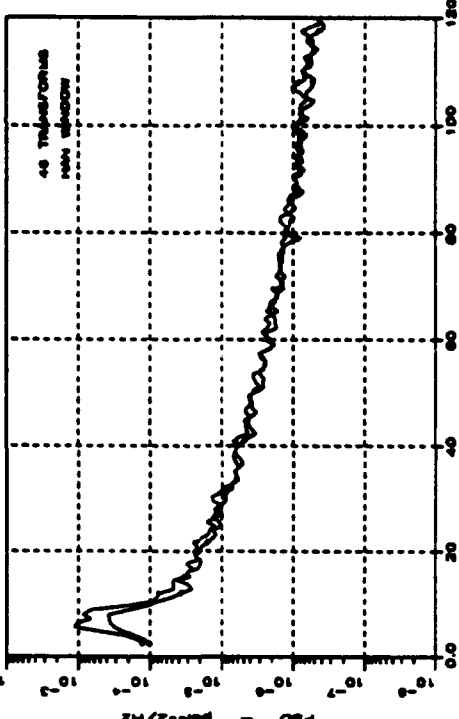


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 5 RMS = 0.0720 Record 10: Q=33 Alpha=32 Beta=0 FENCE OFF  
LOC 5 RMS = 0.0605 Record 98: Q=33 Alpha=32 Beta=0 FENCE ON

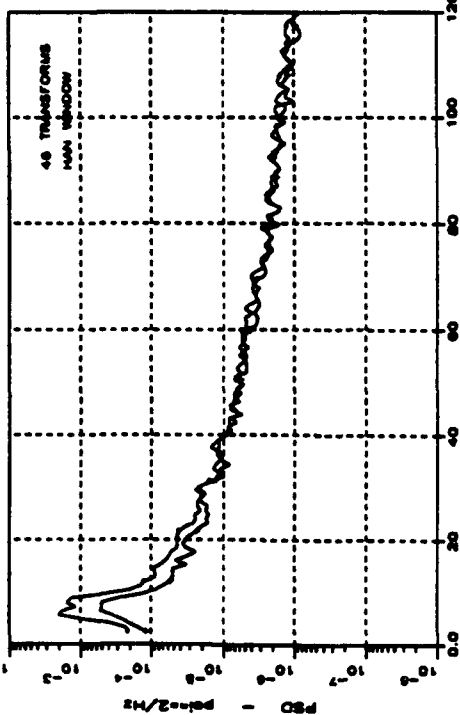


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

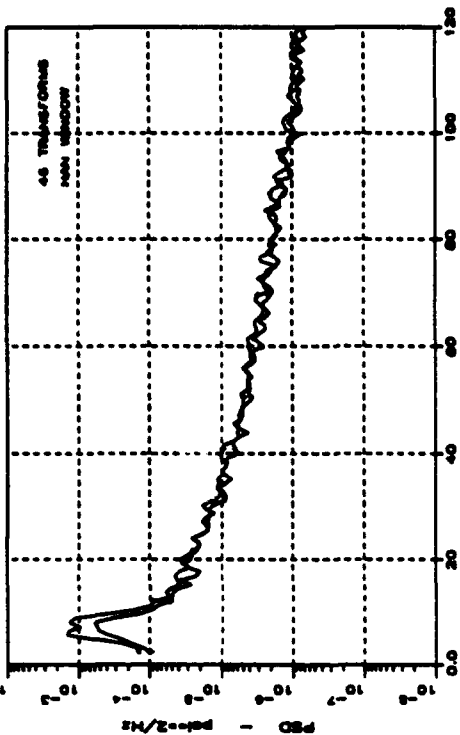
• LOC 12 RMS = 0.0080 Record 10: Q-33 Alpha-32 Beta-0 FENCE OFF  
• LOC 12 RMS = 0.0082 Record 09: Q-33 Alpha-32 Beta-0 FENCE ON



DELTA F = 0.798

F-16 Tail Buffet Test

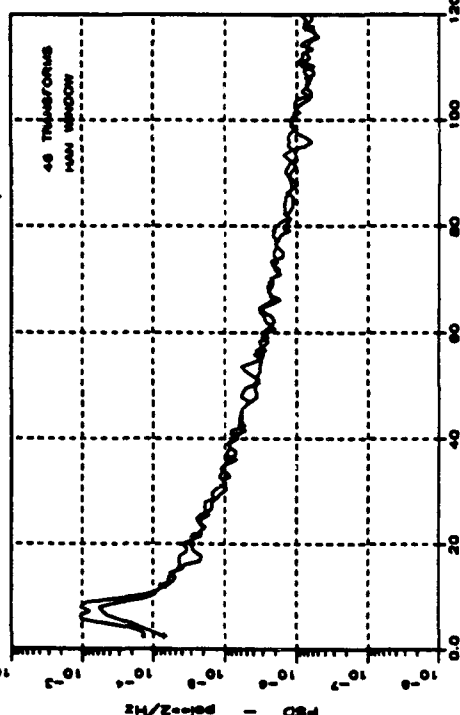
• LOC 11 RMS = 0.0086 Record 10: Q-33 Alpha-32 Beta-0 FENCE OFF  
• LOC 11 RMS = 0.0081 Record 09: Q-33 Alpha-32 Beta-0 FENCE ON



DELTA F = 0.798

F-16 Tail Buffet Test

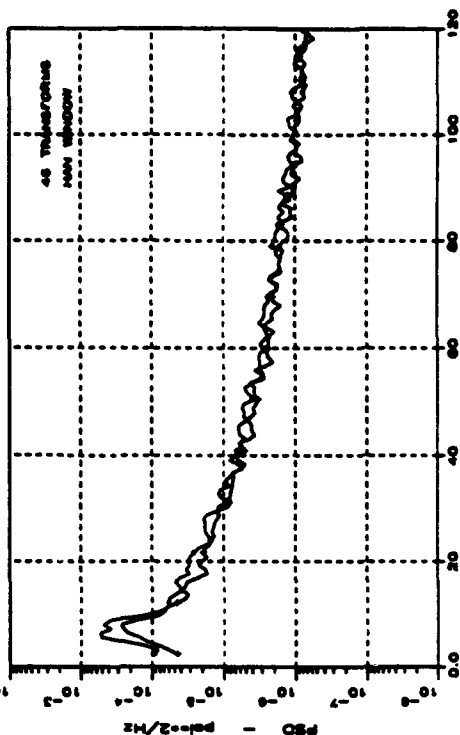
• LOC 10 RMS = 0.0764 Record 10: Q-33 Alpha-32 Beta-0 FENCE OFF  
• LOC 10 RMS = 0.0664 Record 09: Q-33 Alpha-32 Beta-0 FENCE ON



DELTA F = 0.798

F-16 Tail Buffet Test

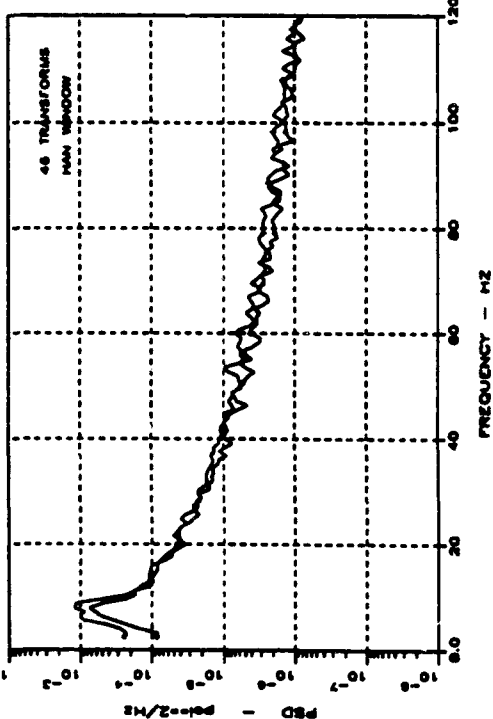
• LOC 9 RMS = 0.0374 Record 10: Q-33 Alpha-32 Beta-0 FENCE OFF  
• LOC 9 RMS = 0.0437 Record 09: Q-33 Alpha-32 Beta-0 FENCE ON



DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 16 RMS = 0.0846 Record 19: Q-33 Alpha-32 Beta-0 FENCE OFF  
 • LOC 18 RMS = 0.0878 Record 98: Q-33 Alpha-32 Beta-0 FENCE ON

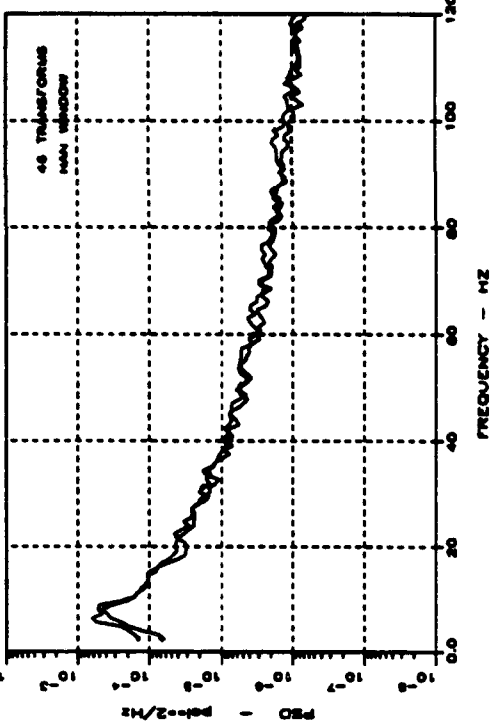


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 16 RMS = 0.0874 Record 19: Q-33 Alpha-32 Beta-0 FENCE OFF  
 • LOC 18 RMS = 0.0881 Record 98: Q-33 Alpha-32 Beta-0 FENCE ON

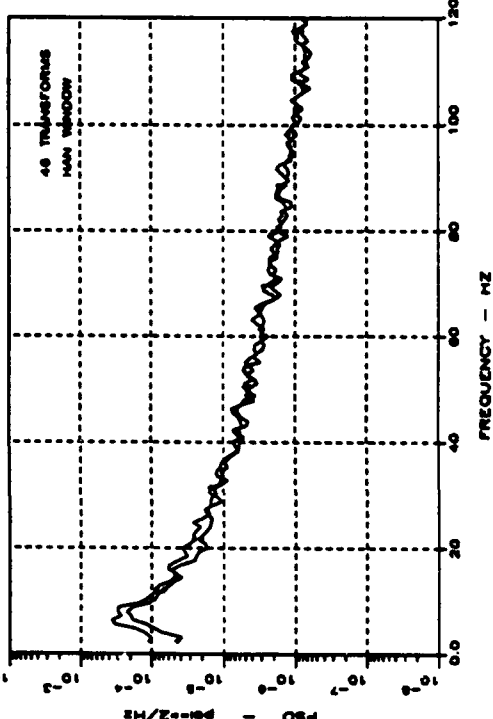


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 14 RMS = 0.0840 Record 19: Q-33 Alpha-32 Beta-0 FENCE OFF  
 • LOC 14 RMS = 0.0443 Record 98: Q-33 Alpha-32 Beta-0 FENCE ON

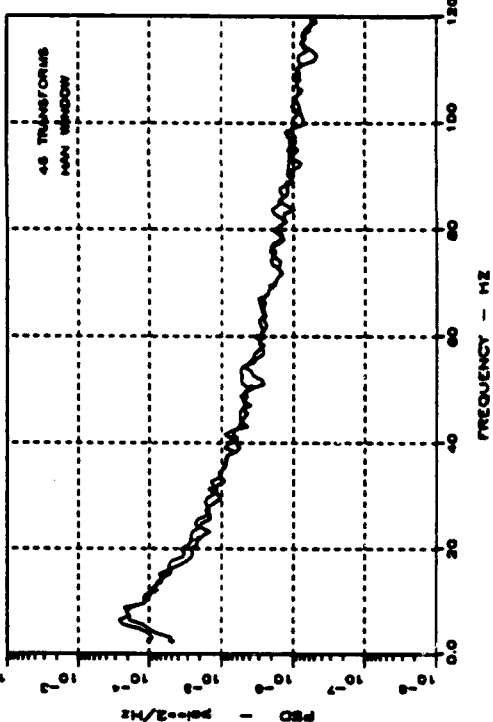


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 13 RMS = 0.0801 Record 19: Q-33 Alpha-32 Beta-0 FENCE OFF  
 • LOC 13 RMS = 0.0489 Record 98: Q-33 Alpha-32 Beta-0 FENCE ON

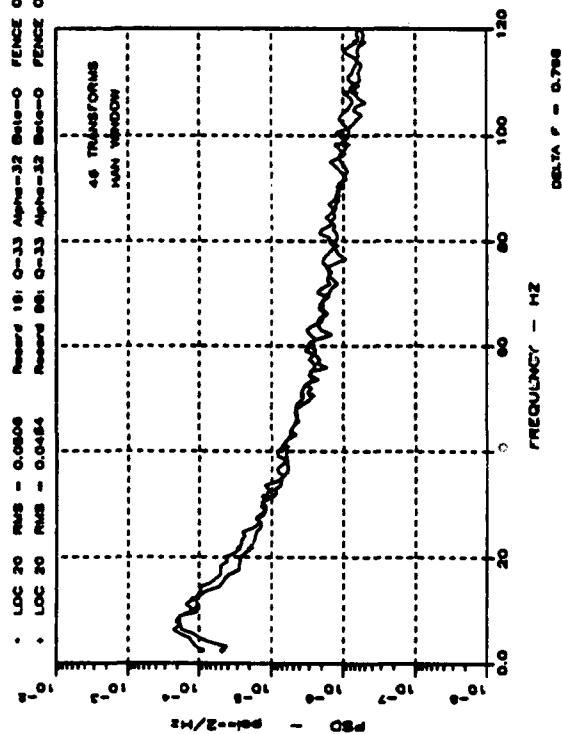


FREQUENCY - HZ

DELTA F = 0.798

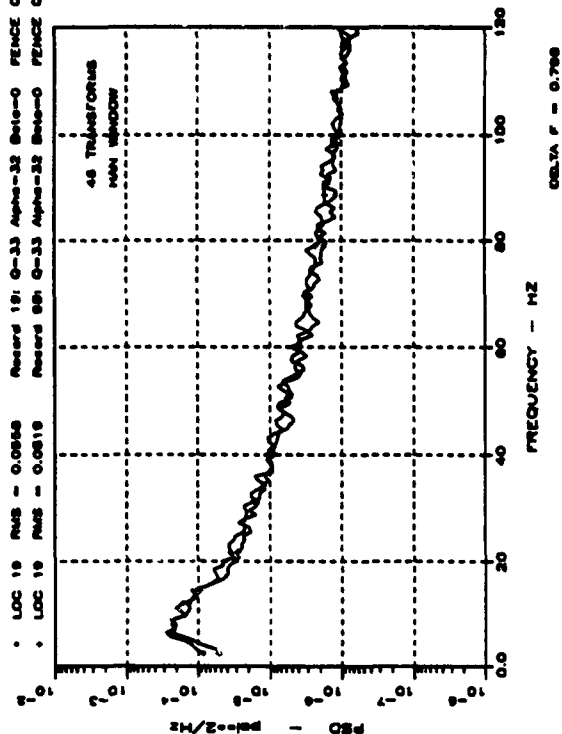
# F-16 Tail Buffet Test

• LOC 20 RMS = 0.0808 Record 18: Q-33 Alpha-32 Beta-0 FENCE OFF  
 • LOC 20 RMS = 0.0464 Record 98: Q-33 Alpha-32 Beta-0 FENCE ON



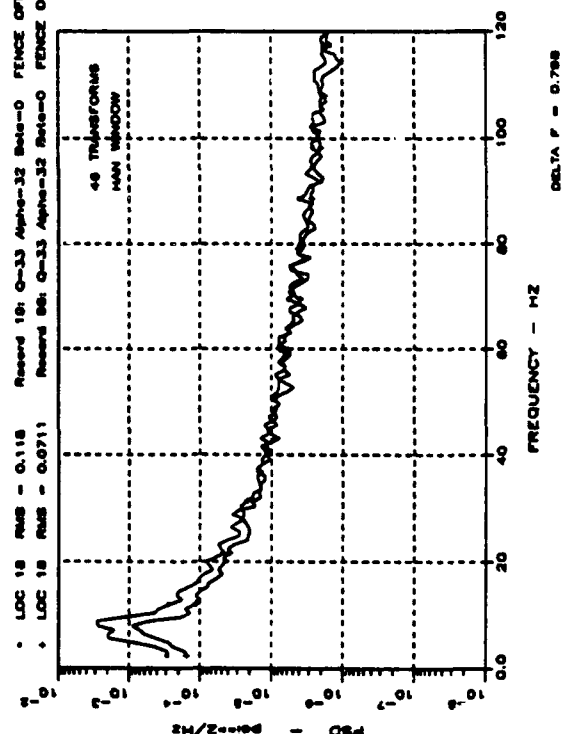
# F-16 Tail Buffet Test

• LOC 19 RMS = 0.0858 Record 18: Q-33 Alpha-32 Beta-0 FENCE OFF  
 • LOC 19 RMS = 0.0818 Record 98: Q-33 Alpha-32 Beta-0 FENCE ON



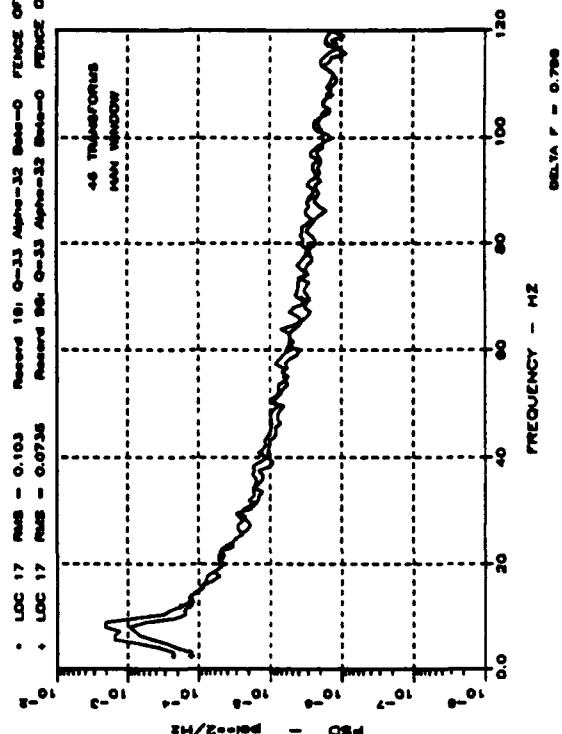
# F-16 Tail Buffet Test

• LOC 18 RMS = 0.118 Record 18: Q-33 Alpha-32 Beta-0 FENCE OFF  
 • LOC 18 RMS = 0.0711 Record 98: Q-33 Alpha-32 Beta-0 FENCE ON



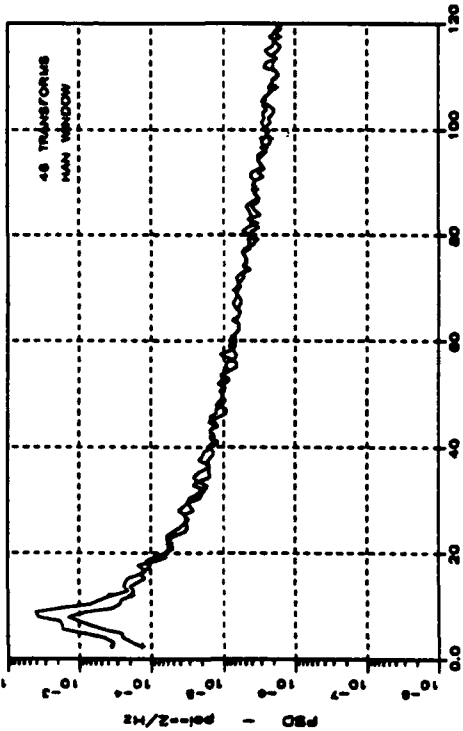
# F-16 Tail Buffet Test

• LOC 17 RMS = 0.103 Record 18: Q-33 Alpha-32 Beta-0 FENCE OFF  
 • LOC 17 RMS = 0.0735 Record 98: Q-33 Alpha-32 Beta-0 FENCE ON



# F-18 Tail Buffet Test

LOC 24 RMS = 0.130 Record 18: Q-33 Alpha-32 Beta-0 FENCE OFF  
 LOC 24 RMS = 0.0848 Record 98: Q-33 Alpha-32 Beta-0 FENCE ON

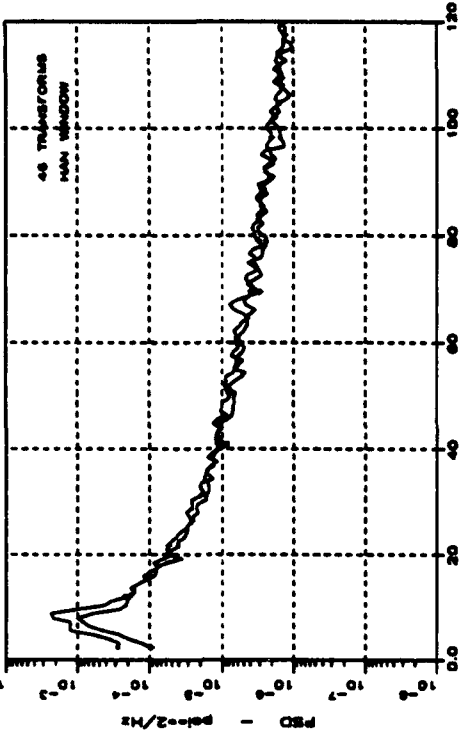


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 23 RMS = 0.106 Record 18: Q-33 Alpha-32 Beta-0 FENCE OFF  
 LOC 23 RMS = 0.0767 Record 98: Q-33 Alpha-32 Beta-0 FENCE ON

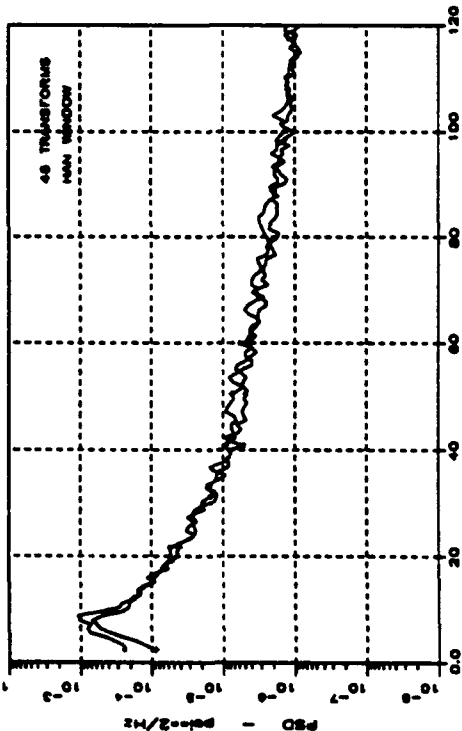


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 22 RMS = 0.0826 Record 18: Q-33 Alpha-32 Beta-0 FENCE OFF  
 LOC 22 RMS = 0.0601 Record 98: Q-33 Alpha-32 Beta-0 FENCE ON

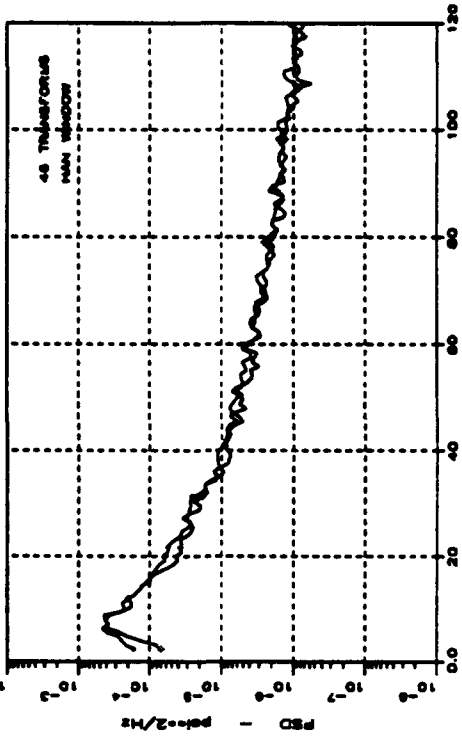


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 21 RMS = 0.0604 Record 18: Q-33 Alpha-32 Beta-0 FENCE OFF  
 LOC 21 RMS = 0.0324 Record 98: Q-33 Alpha-32 Beta-0 FENCE ON



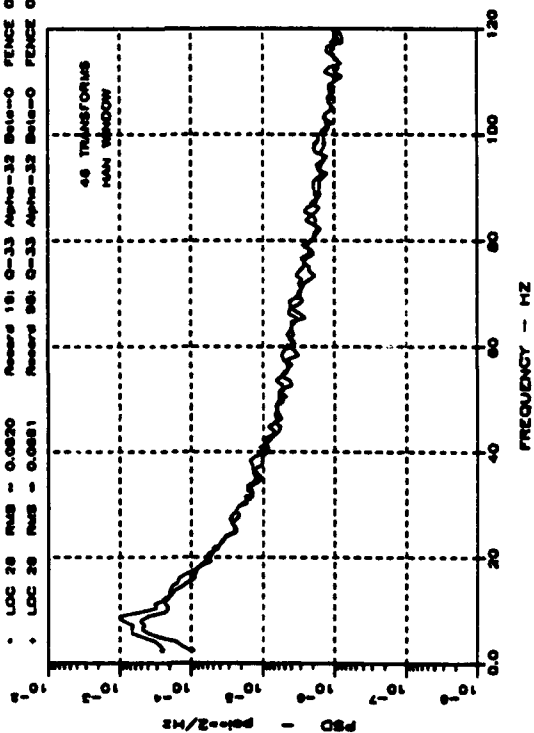
FREQUENCY - HZ

DELTA F = 0.798



F-16 Tail Buffet Test

LOC 26 RMS = 0.0820 Record 19: Q-33 Alpha-32 Beta-0 FENCE OFF  
LOC 26 RMS = 0.0881 Record 99: Q-33 Alpha-32 Beta-0 FENCE ON

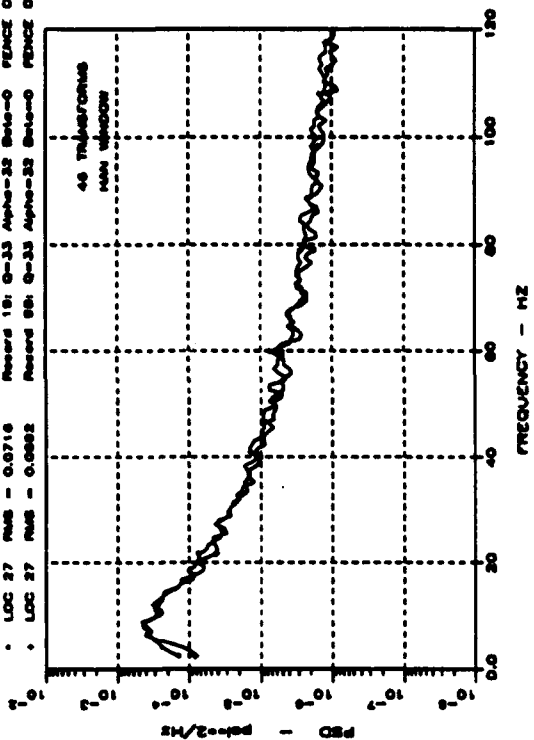


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 27 RMS = 0.0716 Record 19: Q-33 Alpha-32 Beta-0 FENCE OFF  
LOC 27 RMS = 0.0802 Record 99: Q-33 Alpha-32 Beta-0 FENCE ON

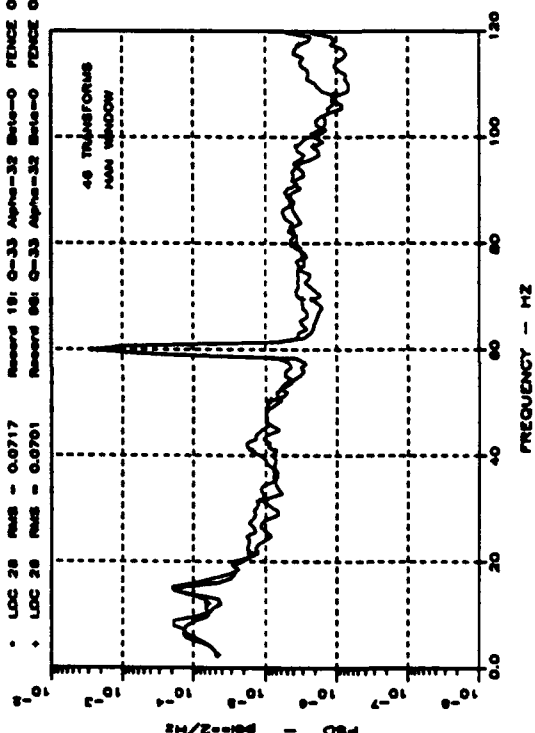


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 26 RMS = 0.0717 Record 19: Q-33 Alpha-32 Beta-0 FENCE OFF  
LOC 26 RMS = 0.0701 Record 99: Q-33 Alpha-32 Beta-0 FENCE ON

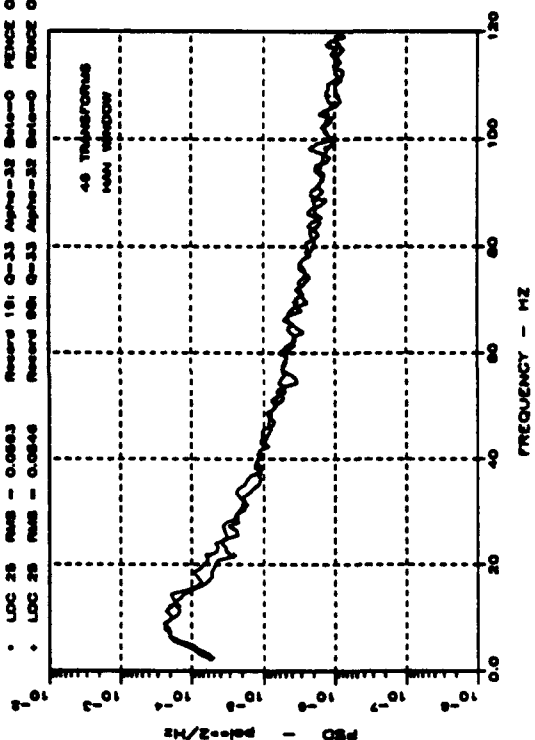


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 26 RMS = 0.0803 Record 19: Q-33 Alpha-32 Beta-0 FENCE OFF  
LOC 26 RMS = 0.0806 Record 99: Q-33 Alpha-32 Beta-0 FENCE ON

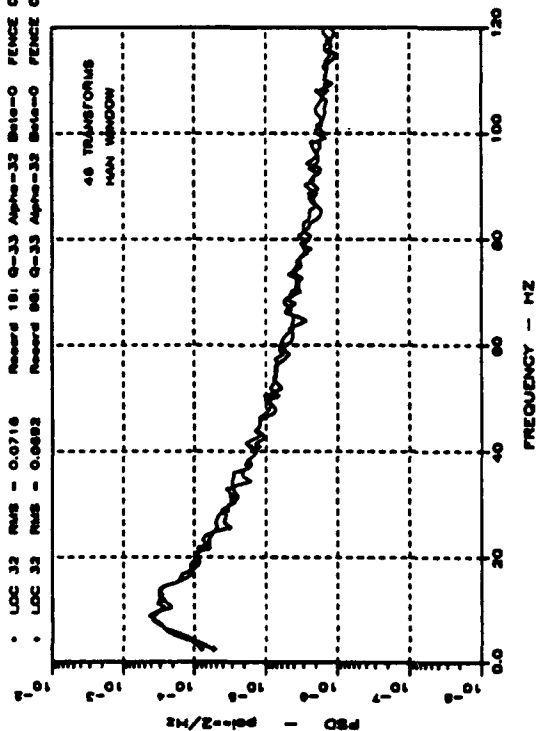


FREQUENCY - HZ

DELTA F = 0.798

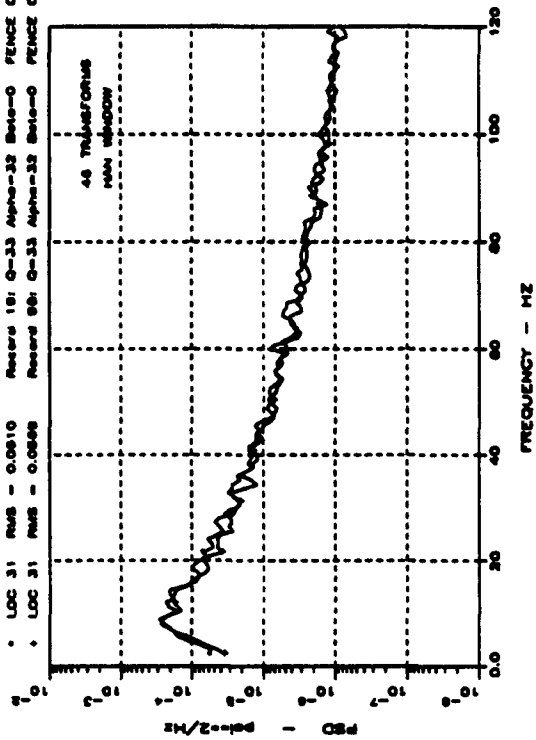
# F-16 Tail Buffet Test

LOC 32 RMS = 0.0716 Record 18: Q-33 Alpha-32 Beta-0 FENCE OFF  
 LOC 32 RMS = 0.0692 Record 98: Q-33 Alpha-32 Beta-0 FENCE ON



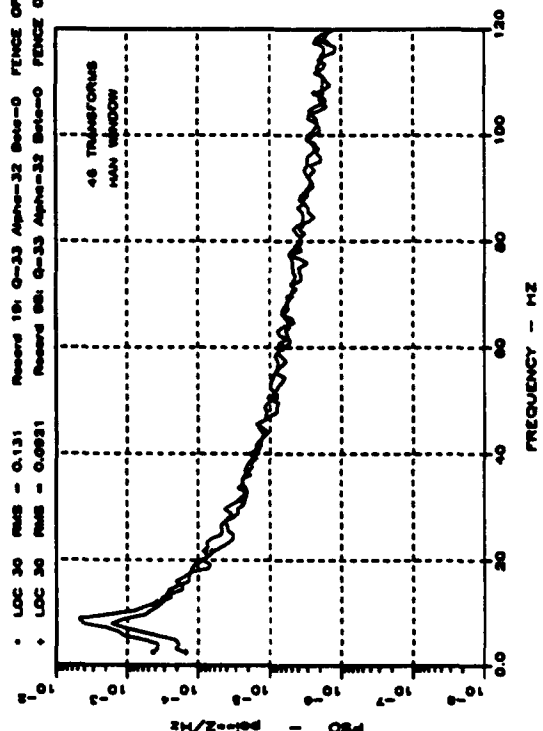
# F-16 Tail Buffet Test

LOC 31 RMS = 0.0910 Record 18: Q-33 Alpha-32 Beta-0 FENCE OFF  
 LOC 31 RMS = 0.0898 Record 98: Q-33 Alpha-32 Beta-0 FENCE ON



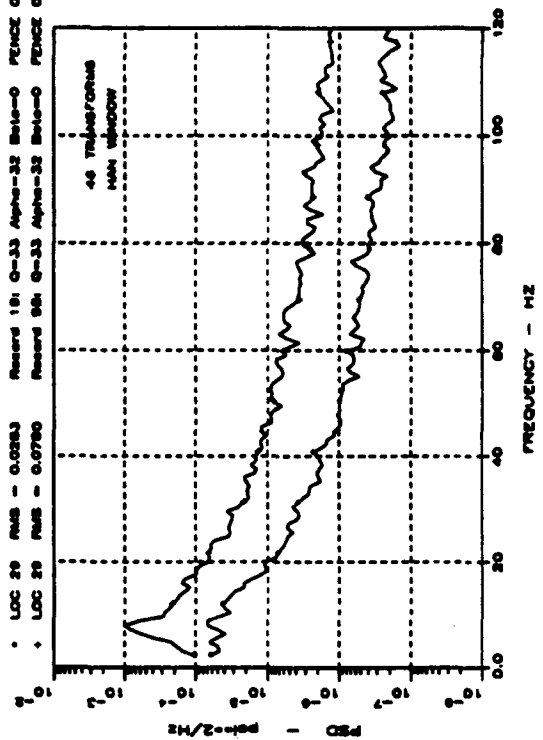
# F-16 Tail Buffet Test

LOC 30 RMS = 0.131 Record 18: Q-33 Alpha-32 Beta-0 FENCE OFF  
 LOC 30 RMS = 0.0931 Record 98: Q-33 Alpha-32 Beta-0 FENCE ON



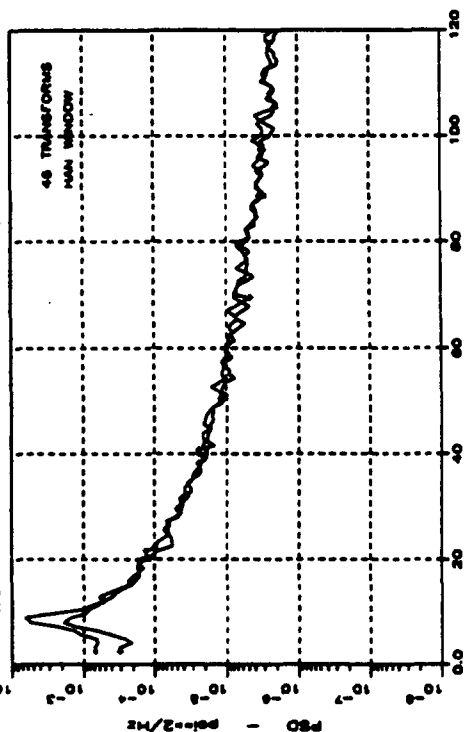
# F-16 Tail Buffet Test

LOC 29 RMS = 0.0833 Record 18: Q-33 Alpha-32 Beta-0 FENCE OFF  
 LOC 29 RMS = 0.0790 Record 98: Q-33 Alpha-32 Beta-0 FENCE ON



# F-18 Tail Buffet Test

LOC 34 RMS = 0.181 Record 181 Q=33 Alpha=32 Beta=0 FENCE OFF  
LOC 36 RMS = 0.106 Record 961 Q=33 Alpha=32 Beta=0 FENCE ON

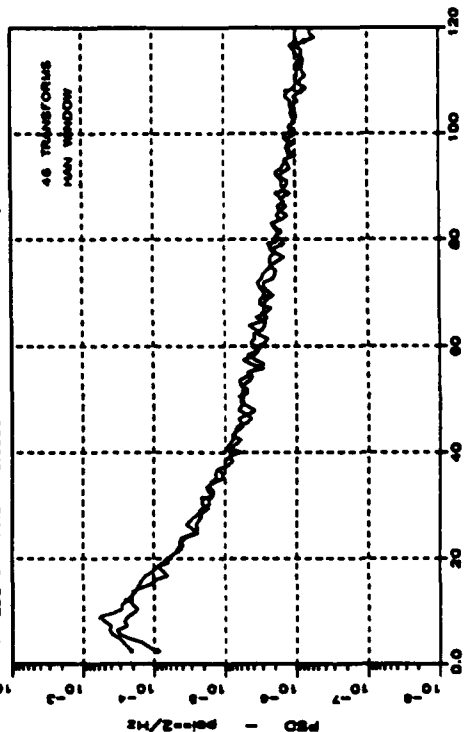


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 34 RMS = 0.0723 Record 181 Q=33 Alpha=32 Beta=0 FENCE OFF  
LOC 36 RMS = 0.0830 Record 961 Q=33 Alpha=32 Beta=0 FENCE ON

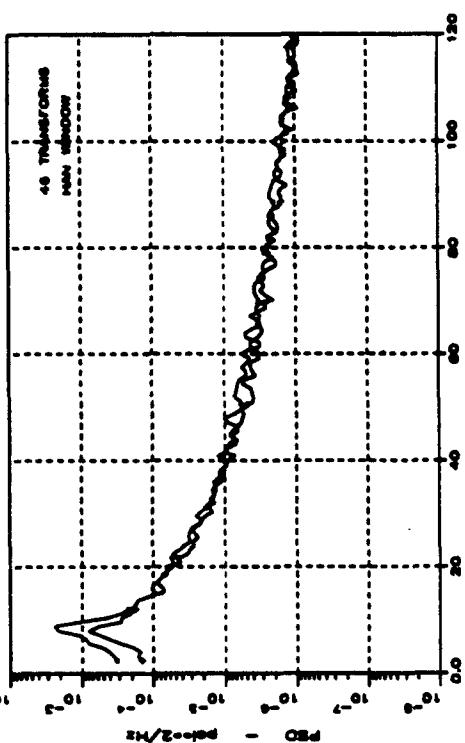


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 36 RMS = 0.101 Record 181 Q=33 Alpha=32 Beta=0 FENCE OFF  
LOC 38 RMS = 0.0706 Record 981 Q=33 Alpha=32 Beta=0 FENCE ON

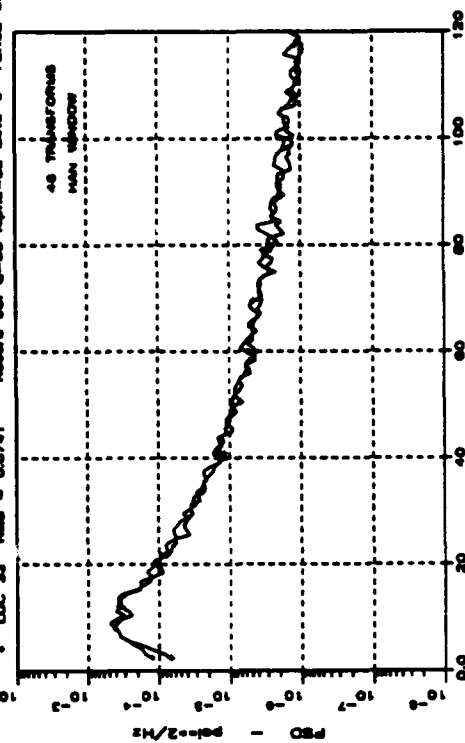


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 33 RMS = 0.0791 Record 181 Q=33 Alpha=32 Beta=0 FENCE OFF  
LOC 33 RMS = 0.0741 Record 981 Q=33 Alpha=32 Beta=0 FENCE ON



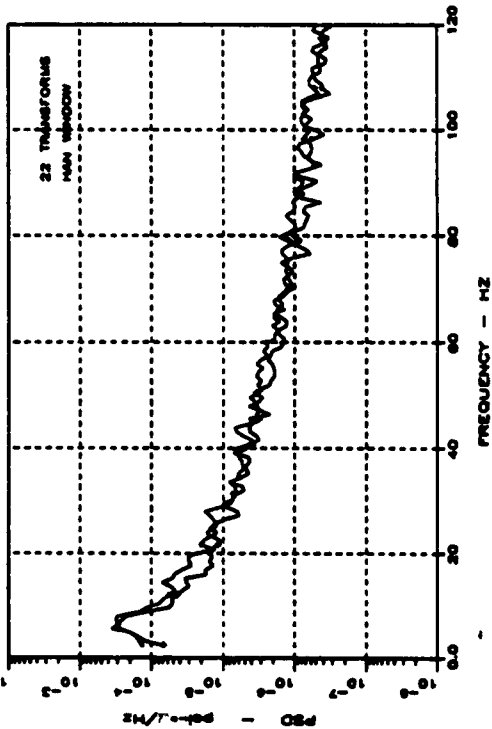
FREQUENCY - HZ

DELTA F = 0.798



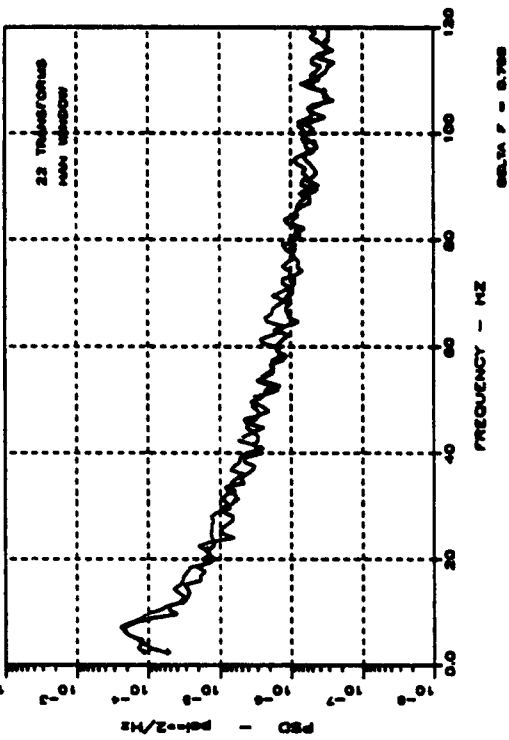
F-16 Tail Buffet Test

LOC 4 RMS = 0.0008 Record 23: Q-33 Alpha-36 Beta-0 FENCE OFF  
LOC 4 RMS = 0.0080 Record 102: Q-33 Alpha-36 Beta-0 FENCE ON



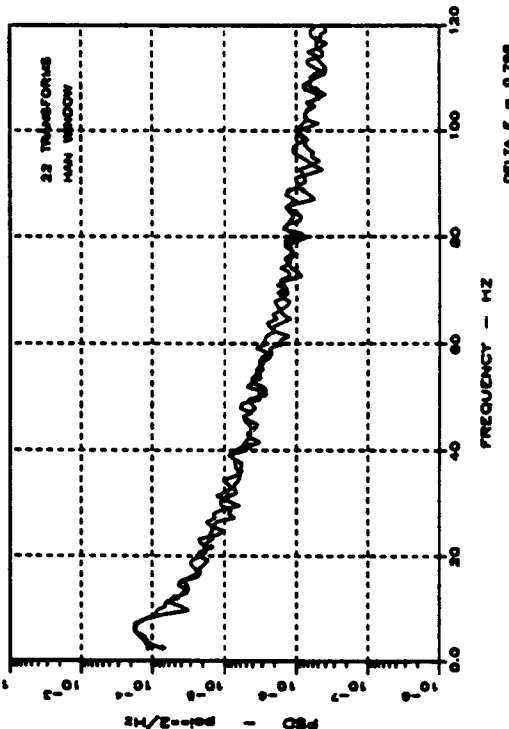
F-16 Tail Buffet Test

LOC 3 RMS = 0.0440 Record 23: Q-33 Alpha-36 Beta-0 FENCE OFF  
LOC 3 RMS = 0.0398 Record 102: Q-33 Alpha-36 Beta-0 FENCE ON



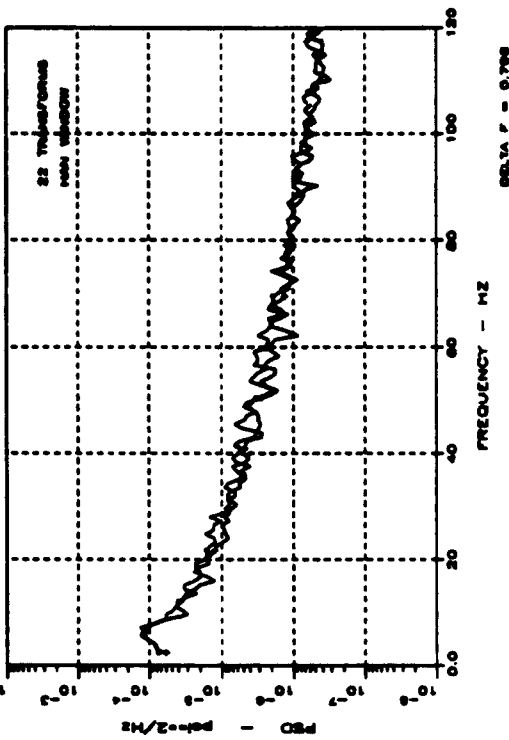
F-16 Tail Buffet Test

LOC 2 RMS = 0.0431 Record 23: Q-33 Alpha-36 Beta-0 FENCE OFF  
LOC 2 RMS = 0.0402 Record 102: Q-33 Alpha-36 Beta-0 FENCE ON



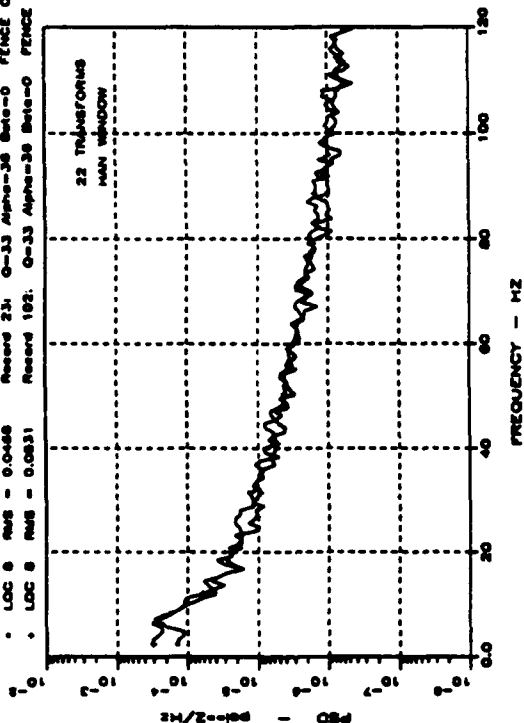
F-16 Tail Buffet Test

LOC 1 RMS = 0.0367 Record 23: Q-33 Alpha-36 Beta-0 FENCE OFF  
LOC 1 RMS = 0.0353 Record 102: Q-33 Alpha-36 Beta-0 FENCE ON



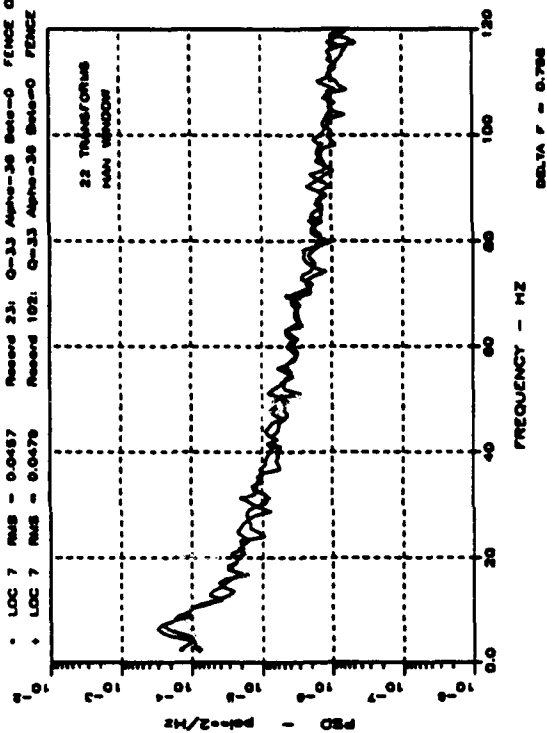
# F-10 Tail Buffet Test

LOC 8 RMS = 0.0448 Record 23: Q-33 Alpha-36 Beta-0 FENCE OFF  
 LOC 8 RMS = 0.0531 Record 102: Q-33 Alpha-36 Beta-0 FENCE ON



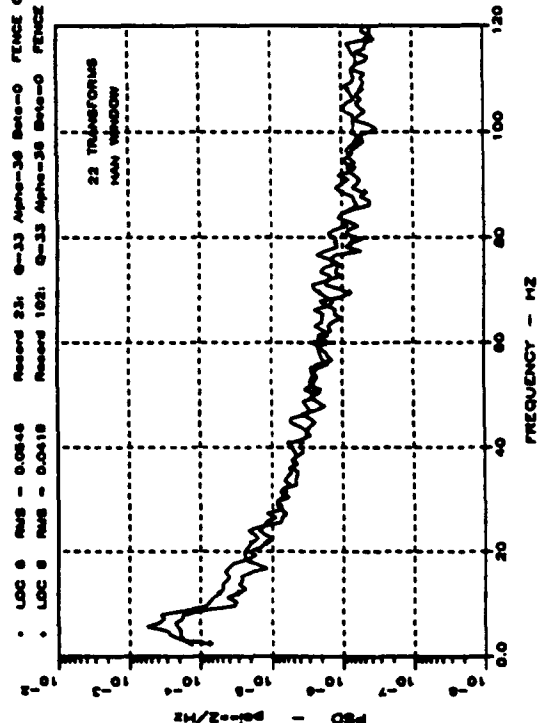
# F-10 Tail Buffet Test

LOC 7 RMS = 0.0437 Record 23: Q-33 Alpha-36 Beta-0 FENCE OFF  
 LOC 7 RMS = 0.0479 Record 102: Q-33 Alpha-36 Beta-0 FENCE ON



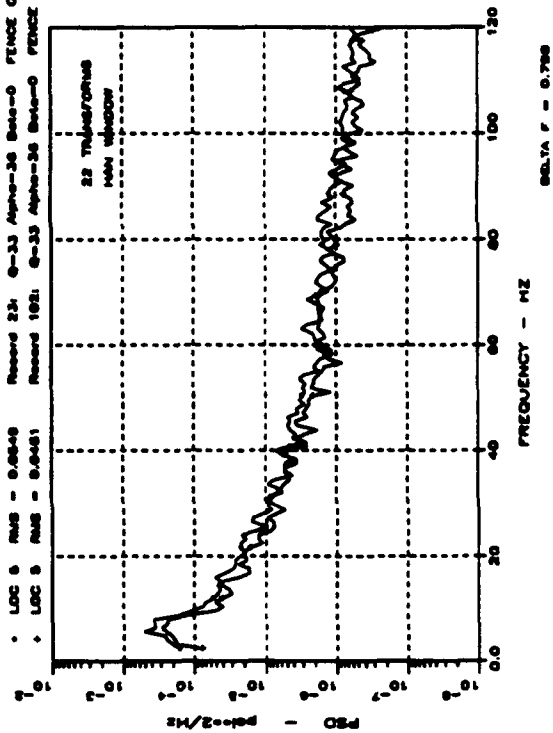
# F-10 Tail Buffet Test

LOC 8 RMS = 0.0448 Record 23: Q-33 Alpha-36 Beta-0 FENCE OFF  
 LOC 8 RMS = 0.0419 Record 102: Q-33 Alpha-36 Beta-0 FENCE ON



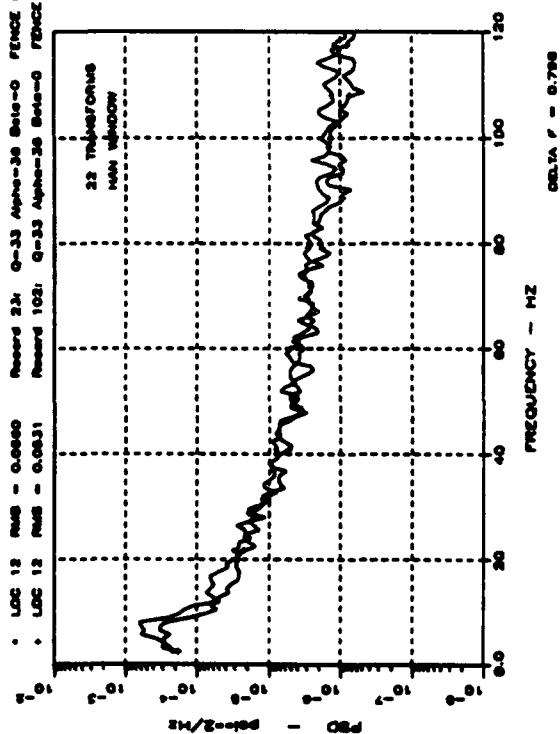
# F-10 Tail Buffet Test

LOC 8 RMS = 0.0448 Record 23: Q-33 Alpha-36 Beta-0 FENCE OFF  
 LOC 8 RMS = 0.0481 Record 102: Q-33 Alpha-36 Beta-0 FENCE ON



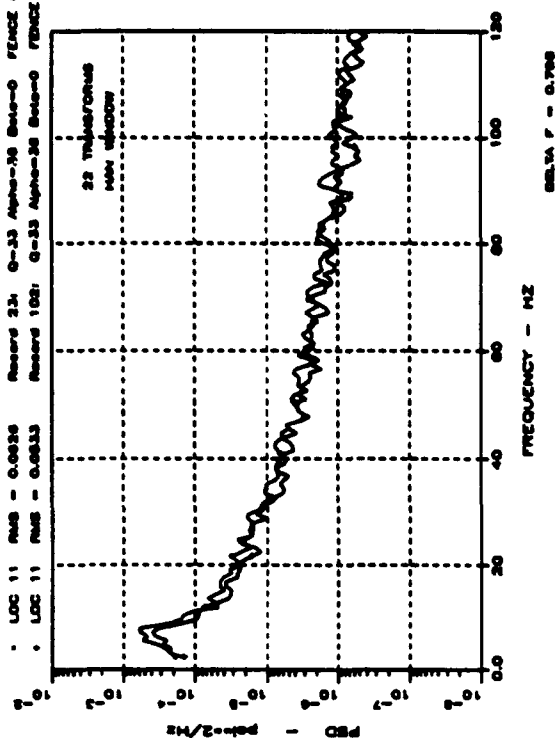
F-16 Tail Buffet Test

• LOC 12 RMS = 0.0000 Record 23: Q=33 Alpha=36 Beta=0 FENCE OFF  
 • LOC 12 RMS = 0.0031 Record 102: Q=33 Alpha=36 Beta=0 FENCE ON



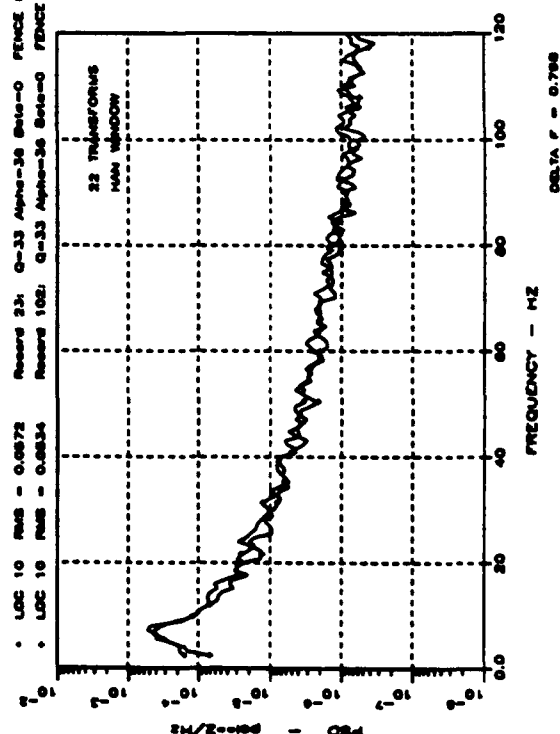
F-16 Tail Buffet Test

• LOC 11 RMS = 0.0036 Record 23: Q=33 Alpha=36 Beta=0 FENCE OFF  
 • LOC 11 RMS = 0.0033 Record 102: Q=33 Alpha=36 Beta=0 FENCE ON



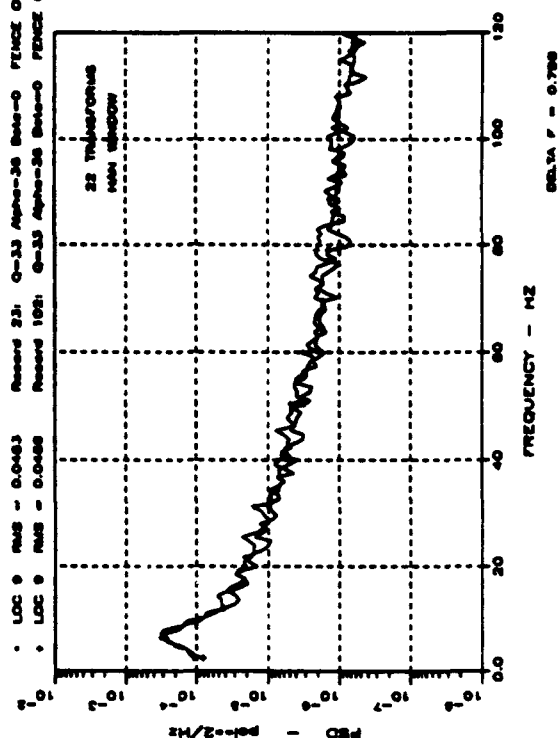
F-16 Tail Buffet Test

• LOC 10 RMS = 0.0072 Record 23: Q=33 Alpha=36 Beta=0 FENCE OFF  
 • LOC 10 RMS = 0.0034 Record 102: Q=33 Alpha=36 Beta=0 FENCE ON



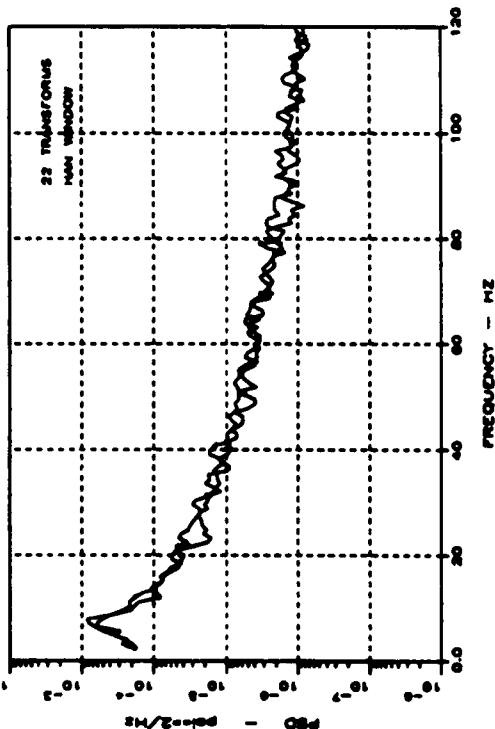
F-16 Tail Buffet Test

• LOC 9 RMS = 0.0403 Record 23: Q=33 Alpha=36 Beta=0 FENCE OFF  
 • LOC 9 RMS = 0.0400 Record 102: Q=33 Alpha=36 Beta=0 FENCE ON



# F-16 Test Buffet Test

LOC 18 RMS = 0.0706 Record 23: Q=33 Alpha=36 Beta=0 FENCE OFF  
LOC 18 RMS = 0.0686 Record 102: Q=33 Alpha=36 Beta=0 FENCE ON

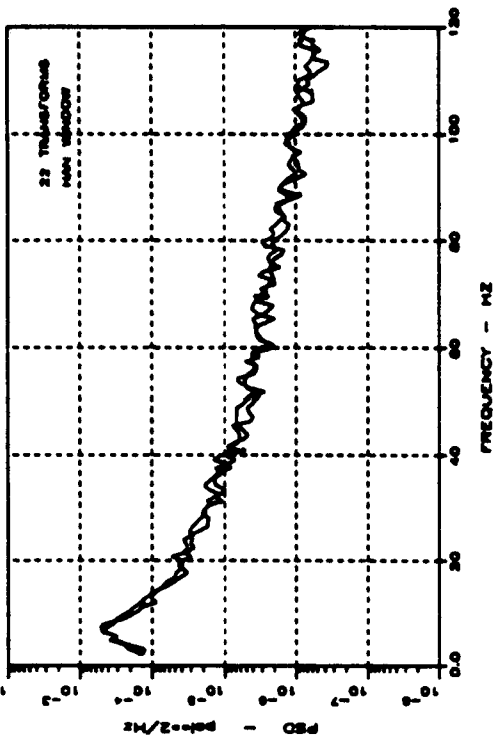


DELTA F = 0.706

FREQUENCY -- HZ

# F-16 Test Buffet Test

LOC 18 RMS = 0.0613 Record 23: Q=33 Alpha=36 Beta=0 FENCE OFF  
LOC 18 RMS = 0.0641 Record 102: Q=33 Alpha=36 Beta=0 FENCE ON

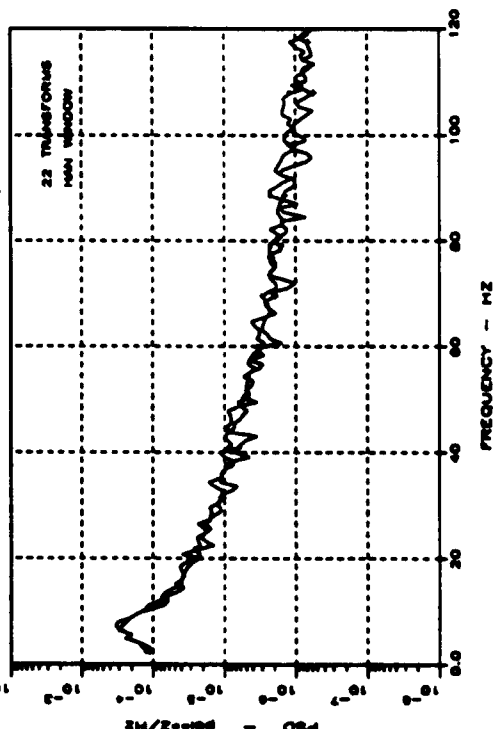


DELTA F = 0.706

FREQUENCY -- HZ

# F-16 Test Buffet Test

LOC 14 RMS = 0.0622 Record 23: Q=33 Alpha=36 Beta=0 FENCE OFF  
LOC 14 RMS = 0.0622 Record 102: Q=33 Alpha=36 Beta=0 FENCE ON

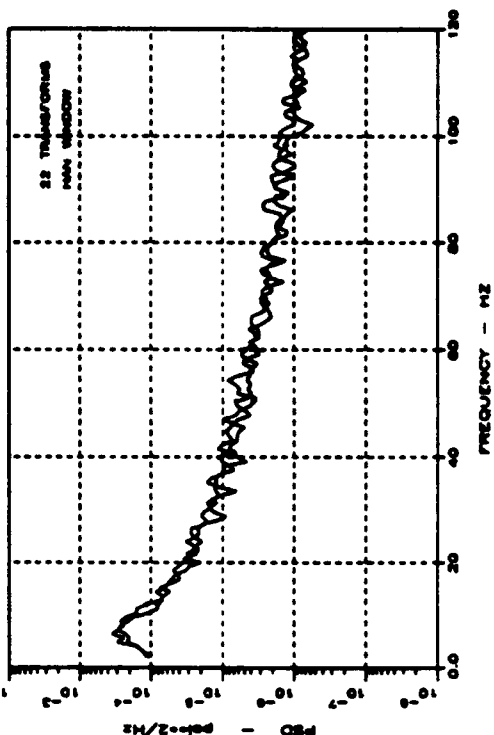


DELTA F = 0.706

FREQUENCY -- HZ

# F-16 Test Buffet Test

LOC 13 RMS = 0.0626 Record 23: Q=33 Alpha=36 Beta=0 FENCE OFF  
LOC 13 RMS = 0.0668 Record 102: Q=33 Alpha=36 Beta=0 FENCE ON



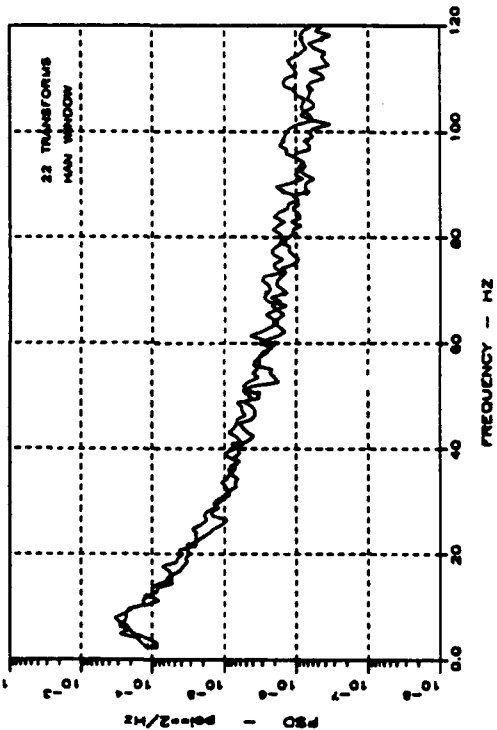
DELTA F = 0.706

FREQUENCY -- HZ



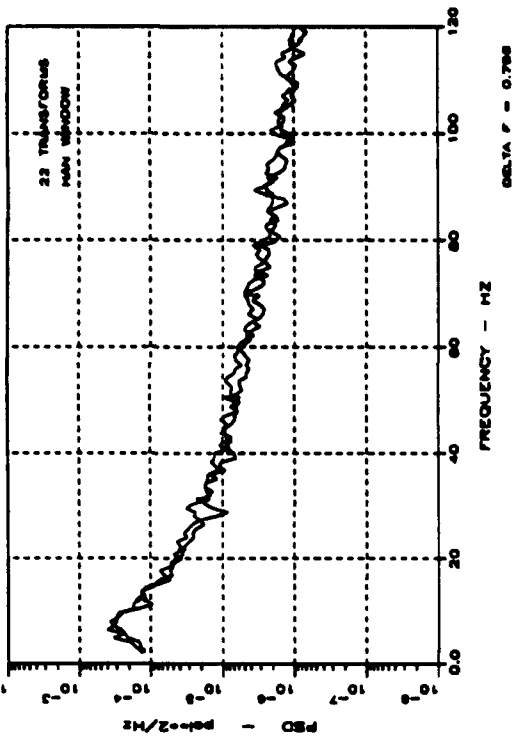
F-16 Tail Buffet Test

• LOC 20 RMS = 0.0832 Record 23: Q-33 Alpha-36 Beta-0 FENCE OFF  
 • LOC 20 RMS = 0.0832 Record 102: Q-33 Alpha-36 Beta-0 FENCE ON



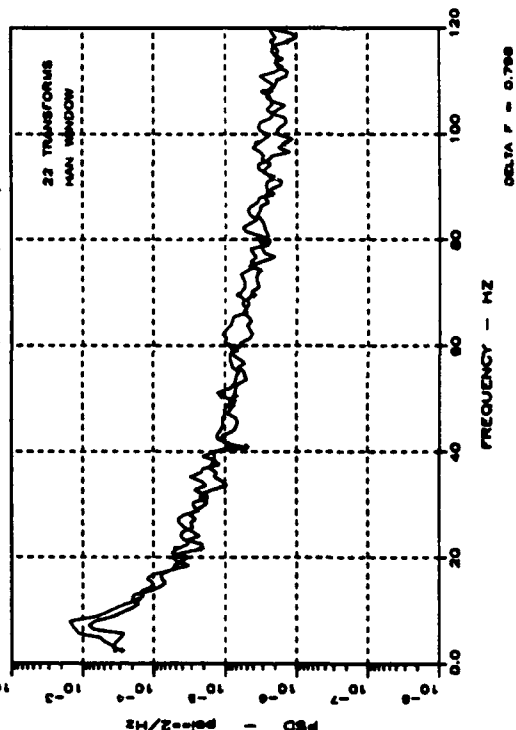
F-16 Tail Buffet Test

• LOC 19 RMS = 0.0888 Record 23: Q-33 Alpha-36 Beta-0 FENCE OFF  
 • LOC 19 RMS = 0.0823 Record 102: Q-33 Alpha-36 Beta-0 FENCE ON



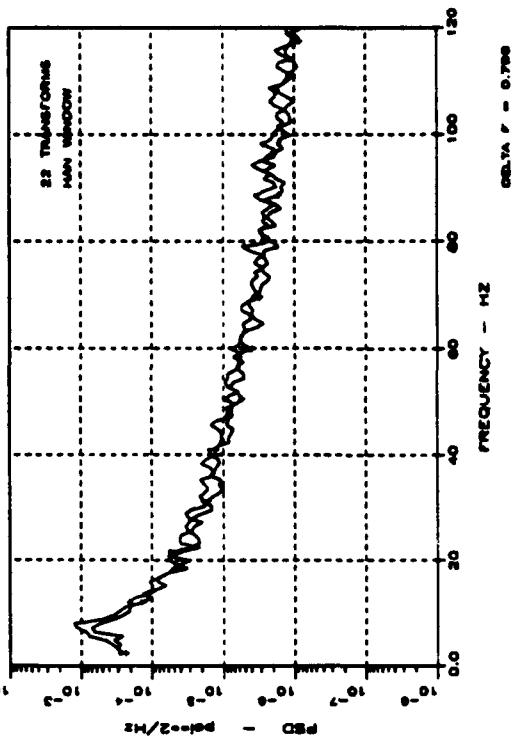
F-16 Tail Buffet Test

• LOC 18 RMS = 0.0842 Record 23: Q-33 Alpha-36 Beta-0 FENCE OFF  
 • LOC 18 RMS = 0.0733 Record 102: Q-33 Alpha-36 Beta-0 FENCE ON



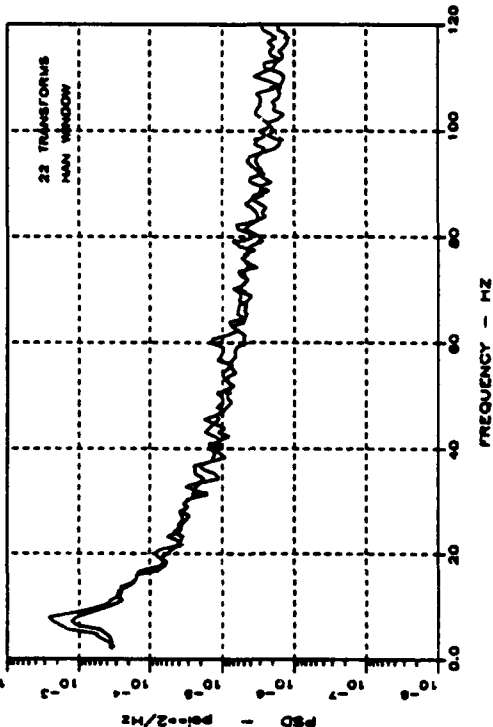
F-16 Tail Buffet Test

• LOC 17 RMS = 0.0832 Record 23: Q-33 Alpha-36 Beta-0 FENCE OFF  
 • LOC 17 RMS = 0.0708 Record 102: Q-33 Alpha-36 Beta-0 FENCE ON



F-16 Tail Buffet Test

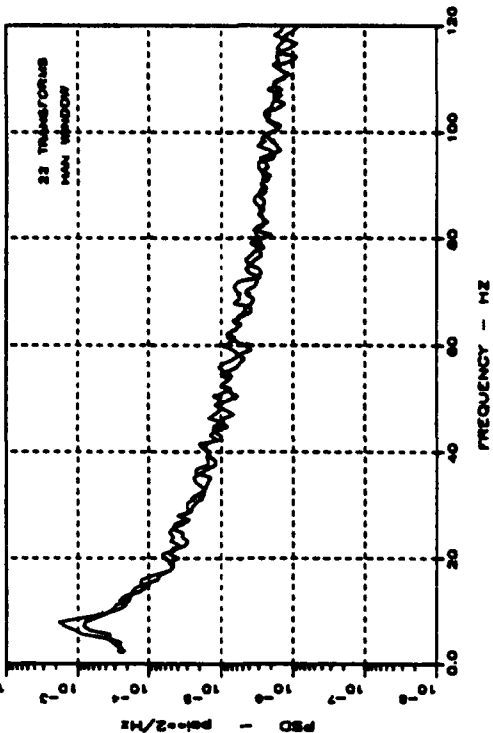
LOC 24 RMS = 0.111 Record 23: Q=33 Alpha=36 Beta=0 FENCE OFF  
LOC 24 RMS = 0.0885 Record 102: Q=33 Alpha=36 Beta=0 FENCE ON



DELTA F = 0.798

F-16 Tail Buffet Test

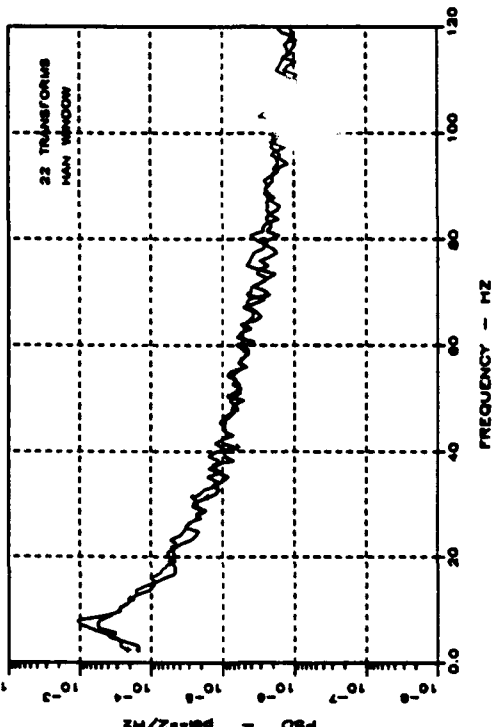
LOC 23 RMS = 0.0920 Record 23: Q=33 Alpha=36 Beta=0 FENCE OFF  
LOC 23 RMS = 0.0780 Record 102: Q=33 Alpha=36 Beta=0 FENCE ON



DELTA F = 0.798

F-16 Tail Buffet Test

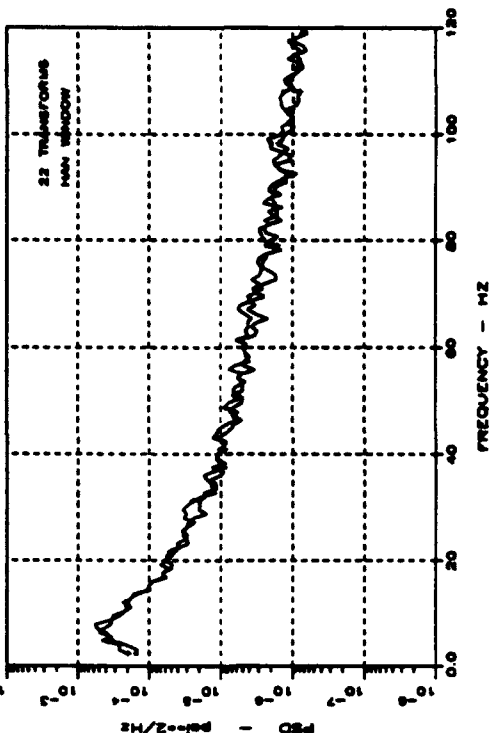
LOC 22 RMS = 0.0762 Record 23: Q=33 Alpha=36 Beta=0 FENCE OFF  
LOC 22 RMS = 0.0707 Record 102: Q=33 Alpha=36 Beta=0 FENCE ON



DELTA F = 0.798

F-16 Tail Buffet Test

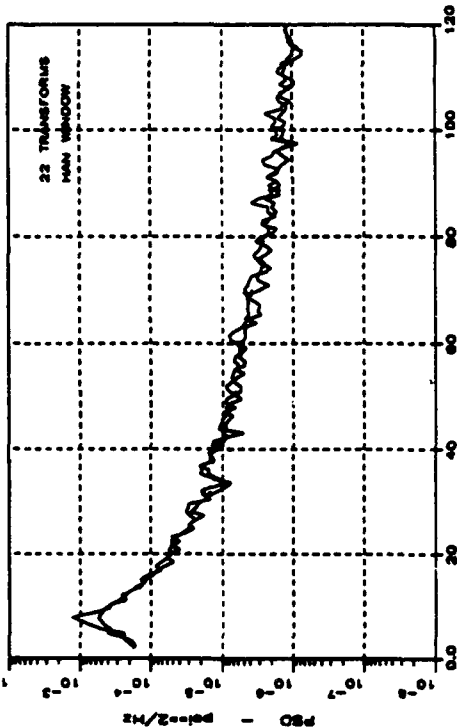
LOC 21 RMS = 0.0376 Record 23: Q=33 Alpha=36 Beta=0 FENCE OFF  
LOC 21 RMS = 0.0660 Record 102: Q=33 Alpha=36 Beta=0 FENCE ON



DELTA F = 0.798

F-16 Tail Buffet Test

LOC 26 RMS = 0.0811 Record 23: Q-33 Alpha-36 Beta-0 FENCE OFF  
LOC 28 RMS = 0.0734 Record 102: Q-33 Alpha-36 Beta-0 FENCE ON

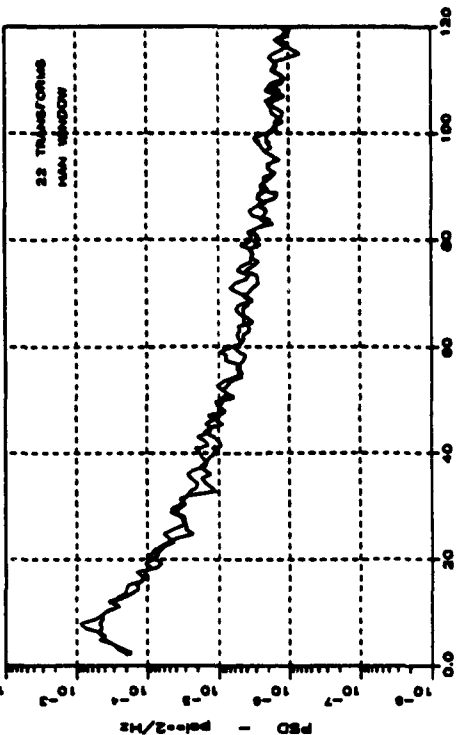


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 27 RMS = 0.0818 Record 23: Q-33 Alpha-36 Beta-0 FENCE OFF  
LOC 27 RMS = 0.0764 Record 102: Q-33 Alpha-36 Beta-0 FENCE ON

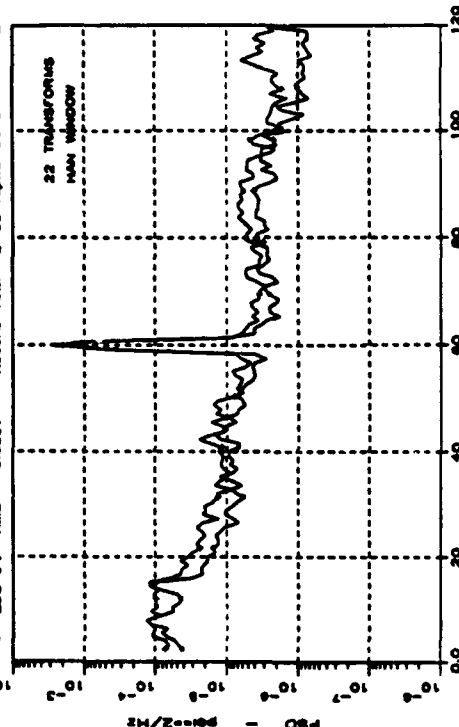


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 26 RMS = 0.0866 Record 23: Q-33 Alpha-36 Beta-0 FENCE OFF  
LOC 26 RMS = 0.0837 Record 102: Q-33 Alpha-36 Beta-0 FENCE ON

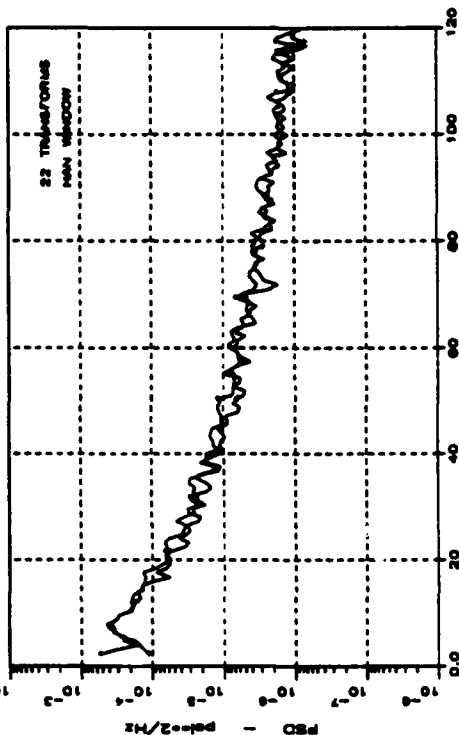


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 26 RMS = 0.0714 Record 23: Q-33 Alpha-36 Beta-0 FENCE OFF  
LOC 26 RMS = 0.0848 Record 102: Q-33 Alpha-36 Beta-0 FENCE ON

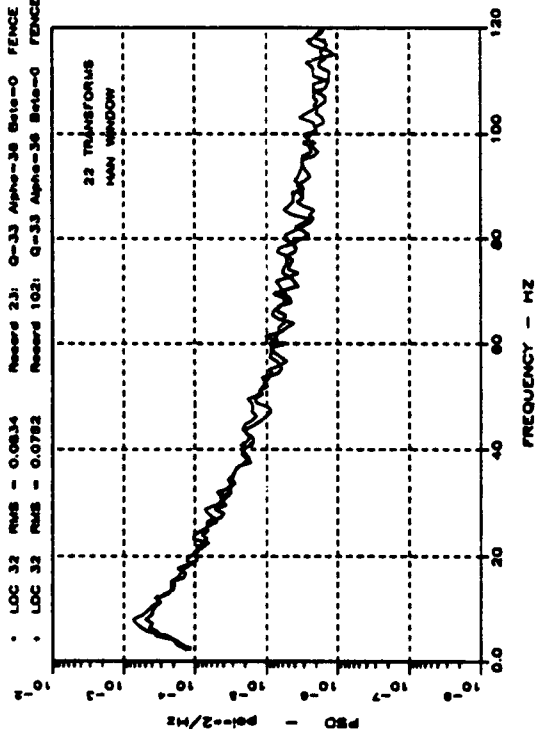


FREQUENCY - HZ

DELTA F = 0.798

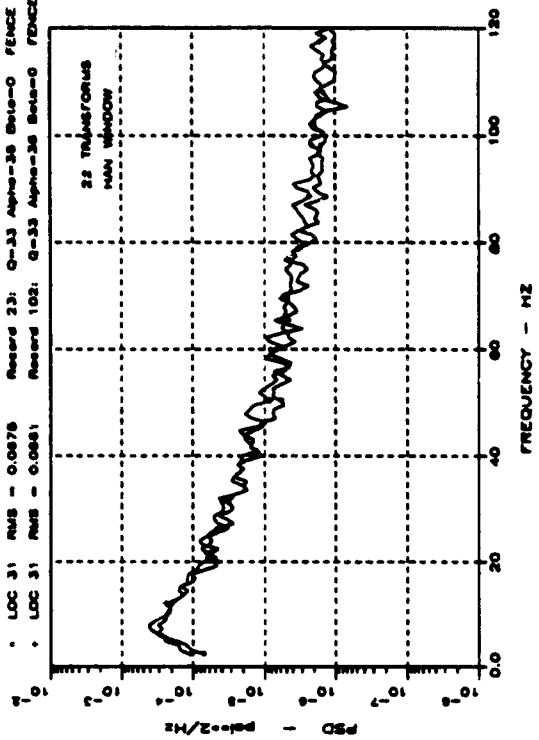
# F-18 Tail Buffet Test

• LOC 32 RMS = 0.0834 Record 23: Q=33 Alpha=36 Beta=0 FENCE OFF  
 • LOC 32 RMS = 0.0782 Record 102: Q=33 Alpha=36 Beta=0 FENCE ON



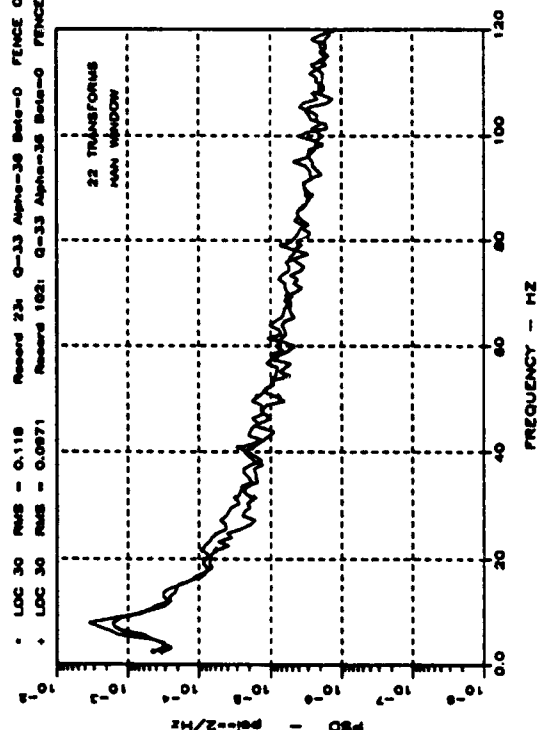
# F-18 Tail Buffet Test

• LOC 31 RMS = 0.0676 Record 23: Q=33 Alpha=36 Beta=0 FENCE OFF  
 • LOC 31 RMS = 0.0681 Record 102: Q=33 Alpha=36 Beta=0 FENCE ON



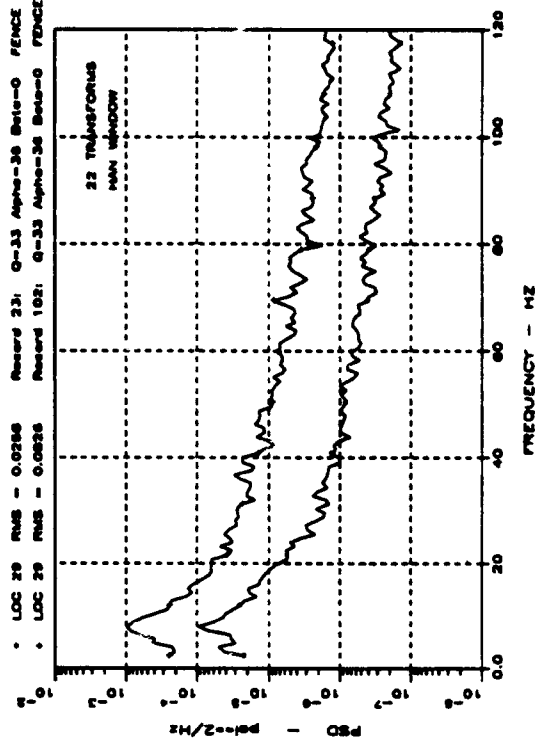
# F-18 Tail Buffet Test

• LOC 30 RMS = 0.116 Record 23: Q=33 Alpha=36 Beta=0 FENCE OFF  
 • LOC 30 RMS = 0.0971 Record 102: Q=33 Alpha=36 Beta=0 FENCE ON



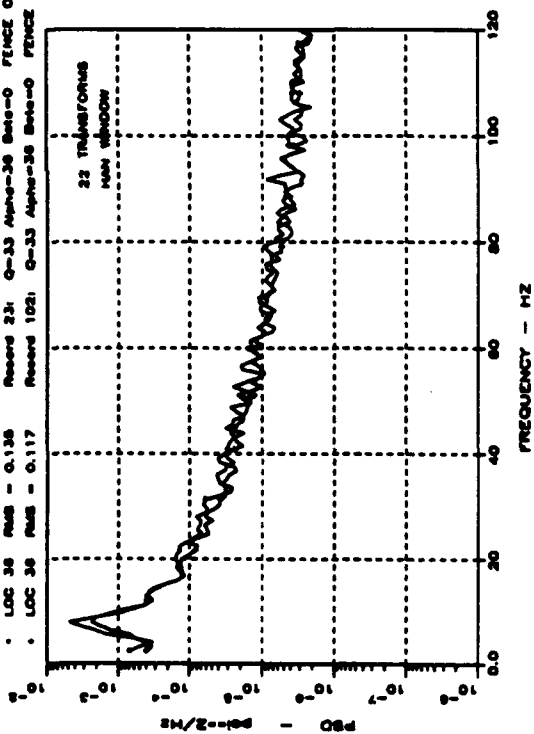
# F-18 Tail Buffet Test

• LOC 29 RMS = 0.0586 Record 23: Q=33 Alpha=36 Beta=0 FENCE OFF  
 • LOC 29 RMS = 0.0526 Record 102: Q=33 Alpha=36 Beta=0 FENCE ON



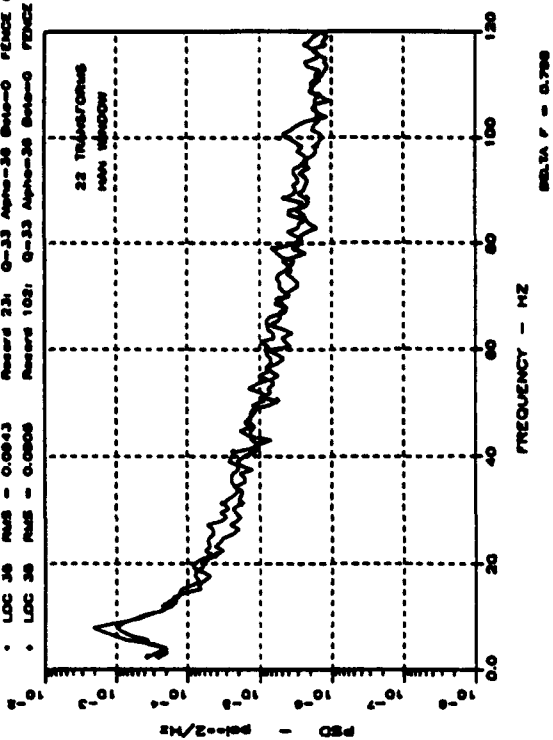
F-16 Tail Buffet Test

• LOC 36 RMS = 0.136 Record 23: Q=33 Alpha=36 Beta=0 FENCE OFF  
• LOC 36 RMS = 0.117 Record 102: Q=33 Alpha=36 Beta=0 FENCE ON



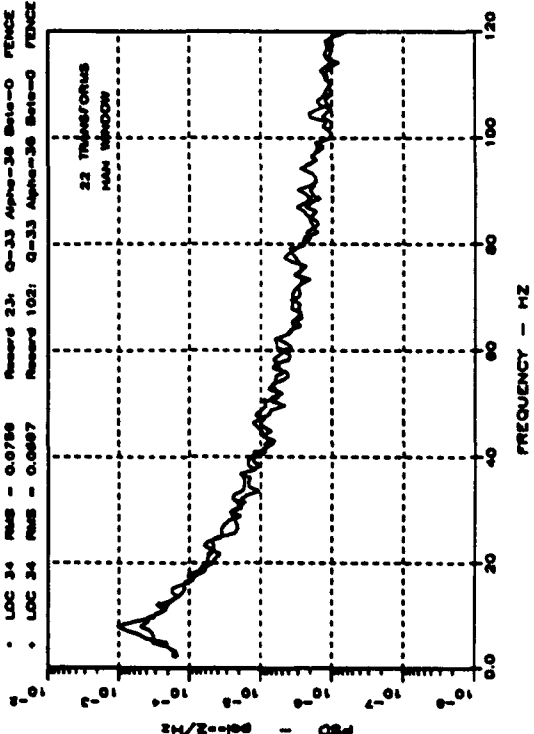
F-16 Tail Buffet Test

• LOC 36 RMS = 0.0943 Record 23: Q=33 Alpha=36 Beta=0 FENCE OFF  
• LOC 36 RMS = 0.0906 Record 102: Q=33 Alpha=36 Beta=0 FENCE ON



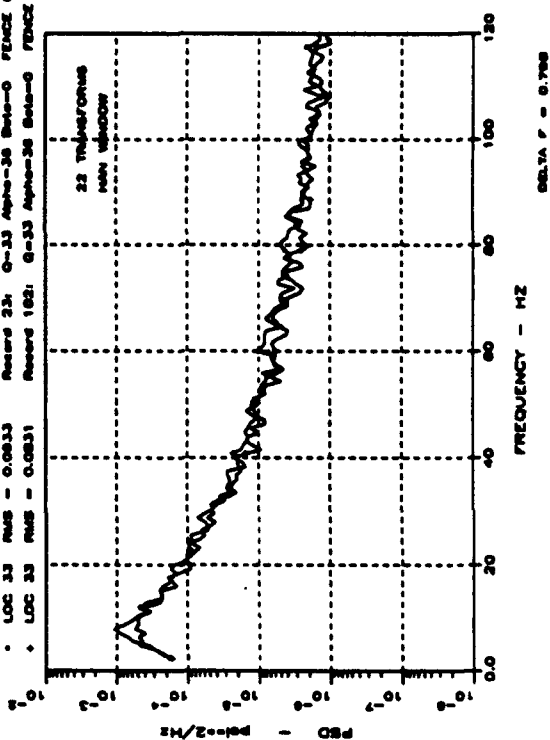
F-16 Tail Buffet Test

• LOC 34 RMS = 0.0756 Record 23: Q=33 Alpha=36 Beta=0 FENCE OFF  
• LOC 34 RMS = 0.0697 Record 102: Q=33 Alpha=36 Beta=0 FENCE ON



F-16 Tail Buffet Test

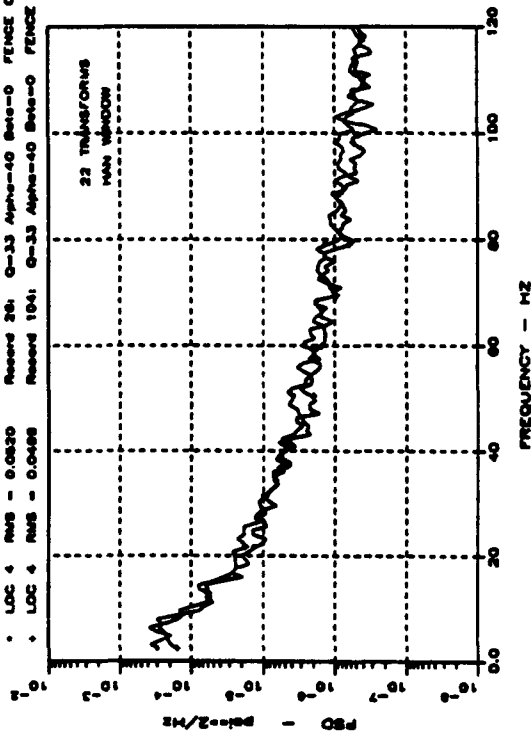
• LOC 33 RMS = 0.0833 Record 23: Q=33 Alpha=36 Beta=0 FENCE OFF  
• LOC 33 RMS = 0.0831 Record 102: Q=33 Alpha=36 Beta=0 FENCE ON





# F-16 Tail Buffet Test

LOC 4 RMS = 0.0030 Record 26: Q=33 Alpha=40 Beta=0 FENCE OFF  
LOC 4 RMS = 0.0498 Record 104: Q=33 Alpha=40 Beta=0 FENCE ON

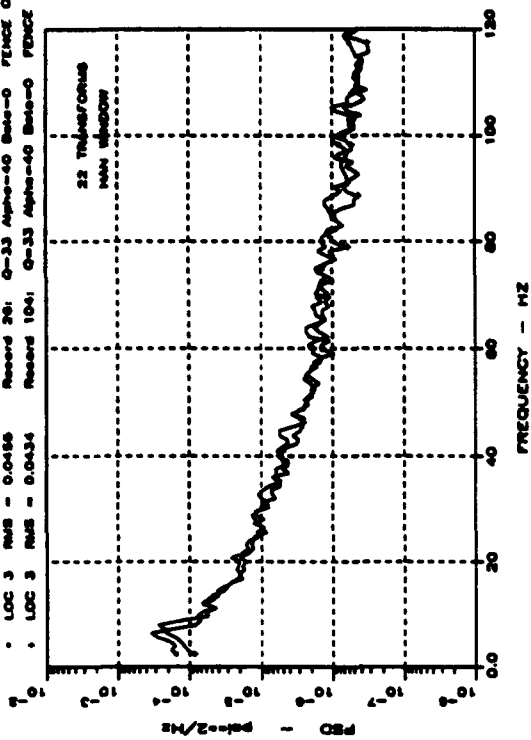


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 3 RMS = 0.0486 Record 26: Q=33 Alpha=40 Beta=0 FENCE OFF  
LOC 3 RMS = 0.0434 Record 104: Q=33 Alpha=40 Beta=0 FENCE ON

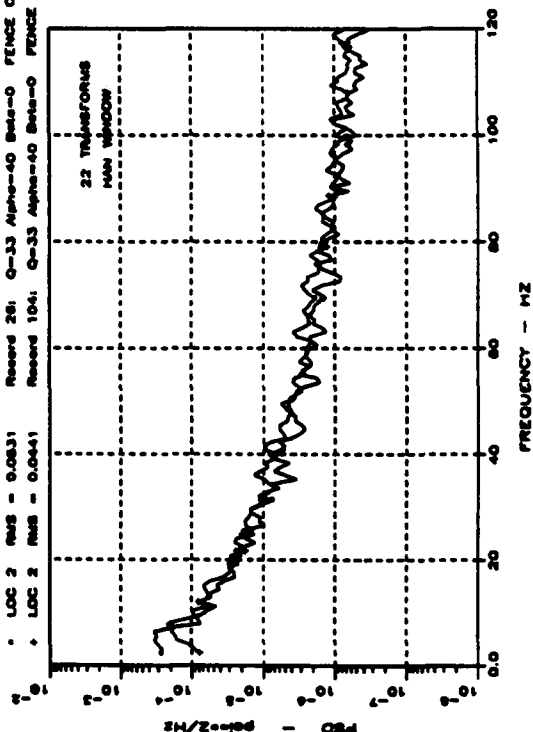


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 2 RMS = 0.0031 Record 26: Q=33 Alpha=40 Beta=0 FENCE OFF  
LOC 2 RMS = 0.0441 Record 104: Q=33 Alpha=40 Beta=0 FENCE ON

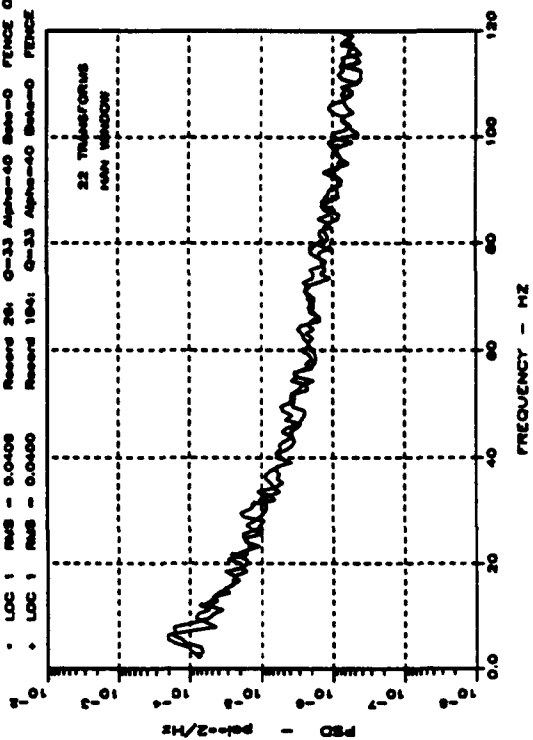


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 1 RMS = 0.0408 Record 26: Q=33 Alpha=40 Beta=0 FENCE OFF  
LOC 1 RMS = 0.0400 Record 104: Q=33 Alpha=40 Beta=0 FENCE ON

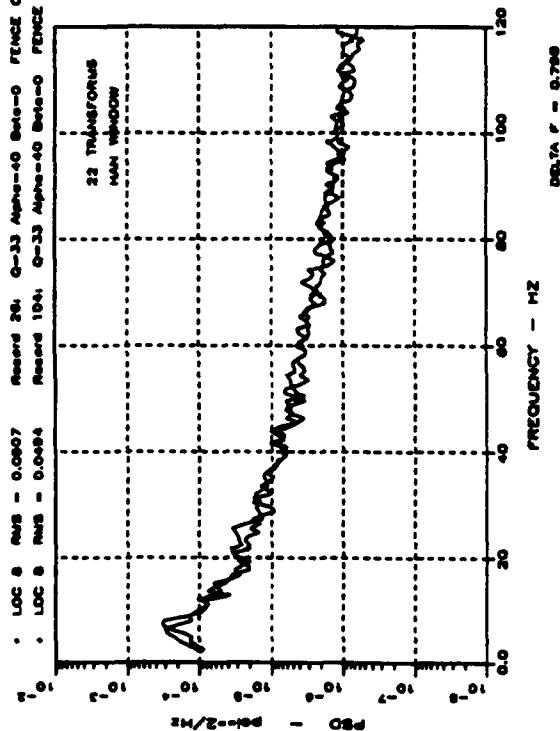


FREQUENCY - HZ

DELTA F = 0.798

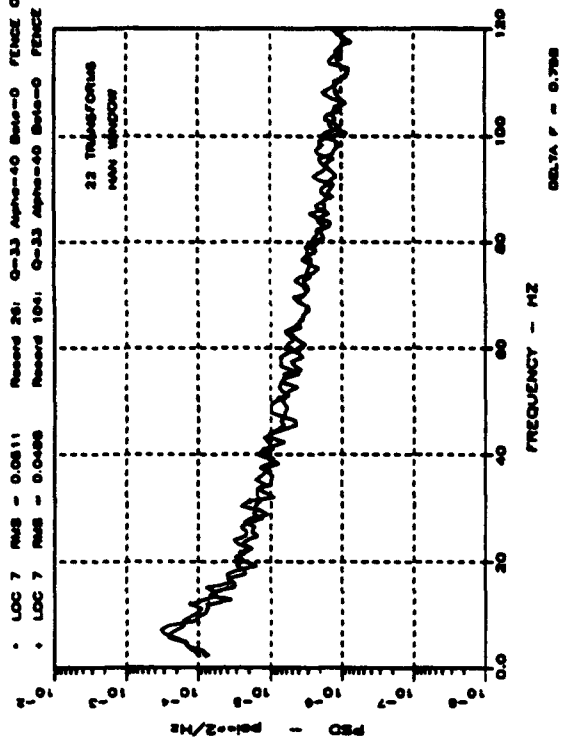
# F-18 Tail Buffet Test

LOC 8 RMS = 0.0807 Record 26: Q-33 Alpha=40 Beta=0 FENCE OFF  
 LOC 8 RMS = 0.0484 Record 104: Q-33 Alpha=40 Beta=0 FENCE ON



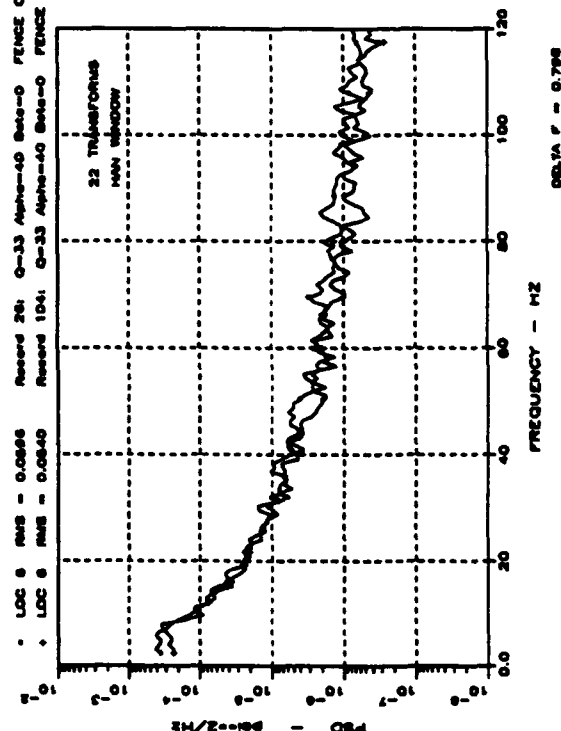
# F-18 Tail Buffet Test

LOC 7 RMS = 0.0811 Record 26: Q-33 Alpha=40 Beta=0 FENCE OFF  
 LOC 7 RMS = 0.0408 Record 104: Q-33 Alpha=40 Beta=0 FENCE ON



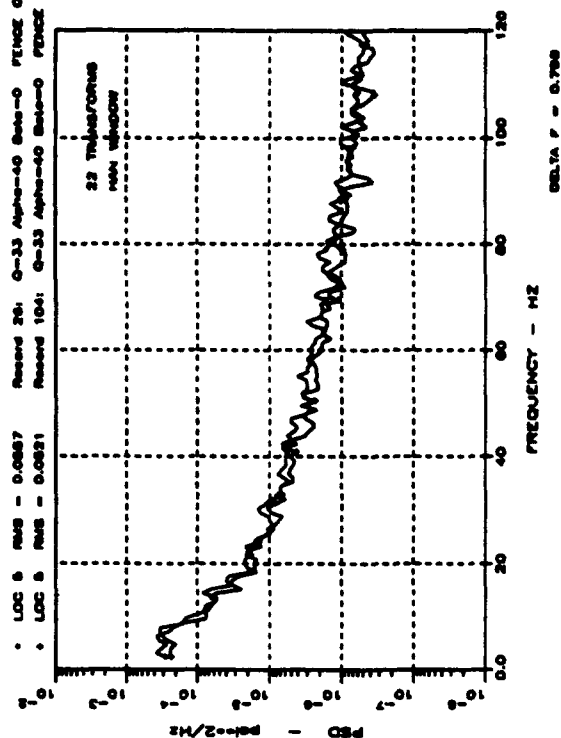
# F-18 Tail Buffet Test

LOC 6 RMS = 0.0846 Record 26: Q-33 Alpha=40 Beta=0 FENCE OFF  
 LOC 6 RMS = 0.0540 Record 104: Q-33 Alpha=40 Beta=0 FENCE ON



# F-18 Tail Buffet Test

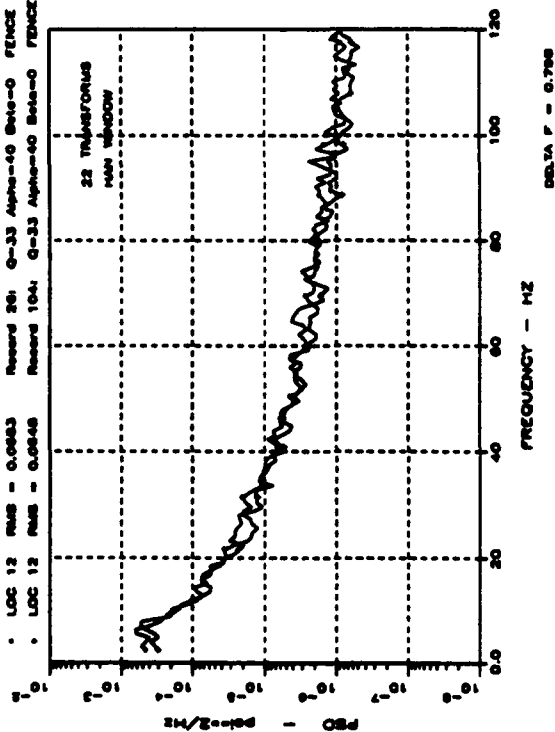
LOC 5 RMS = 0.0887 Record 26: Q-33 Alpha=40 Beta=0 FENCE OFF  
 LOC 5 RMS = 0.0321 Record 104: Q-33 Alpha=40 Beta=0 FENCE ON





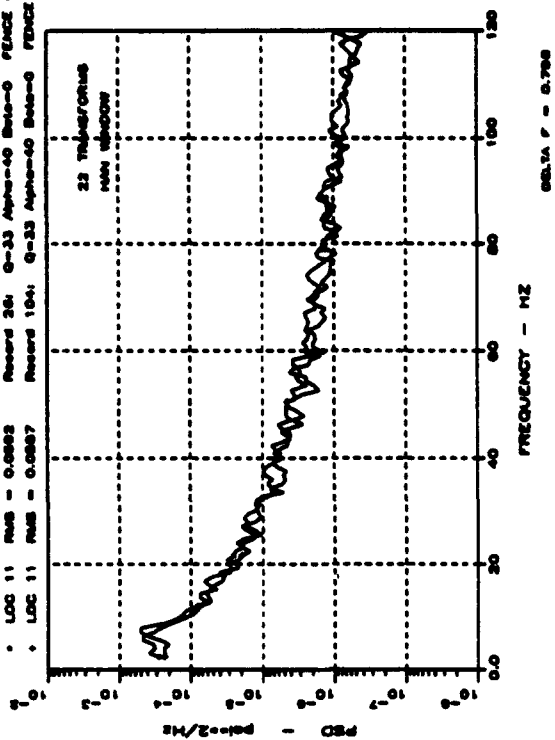
# F-18 Tail Buffet Test

• LOC 12 RMS = 0.0043 Record 20: Q-33 Alpha-40 Beta-0 FENCE OFF  
 • LOC 12 RMS = 0.0048 Record 104: Q-33 Alpha-40 Beta-0 FENCE ON



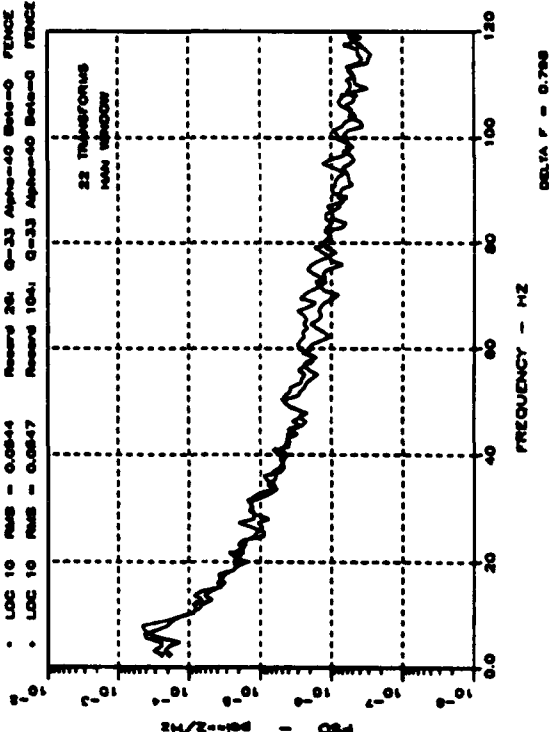
# F-18 Tail Buffet Test

• LOC 11 RMS = 0.0092 Record 20: Q-33 Alpha-40 Beta-0 FENCE OFF  
 • LOC 11 RMS = 0.0097 Record 104: Q-33 Alpha-40 Beta-0 FENCE ON



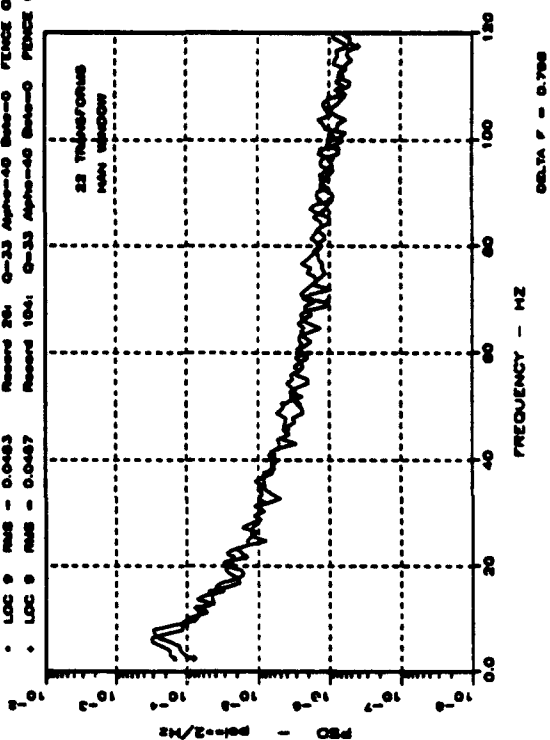
# F-18 Tail Buffet Test

• LOC 10 RMS = 0.0044 Record 20: Q-33 Alpha-40 Beta-0 FENCE OFF  
 • LOC 10 RMS = 0.0047 Record 104: Q-33 Alpha-40 Beta-0 FENCE ON



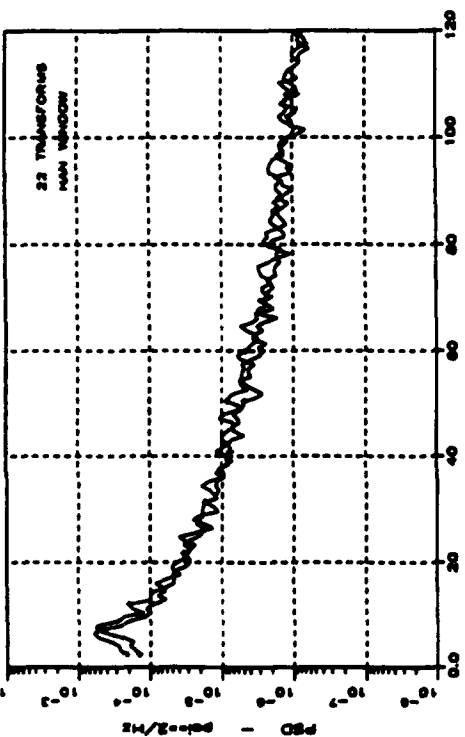
# F-18 Tail Buffet Test

• LOC 9 RMS = 0.0403 Record 20: Q-33 Alpha-40 Beta-0 FENCE OFF  
 • LOC 9 RMS = 0.0407 Record 104: Q-33 Alpha-40 Beta-0 FENCE ON



# F-16 Tail Buffet Test

LOC 16 RMS = 0.0834 Record 26: Q=33 Alpha=40 Beta=0 FENCE OFF  
LOC 18 RMS = 0.0817 Record 104: Q=33 Alpha=40 Beta=0 FENCE ON

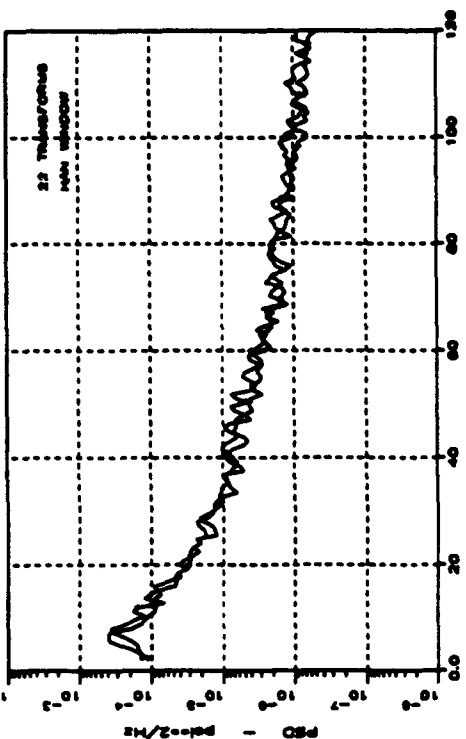


FREQUENCY - HZ

DELTA P = 0.798

# F-16 Tail Buffet Test

LOC 16 RMS = 0.0852 Record 26: Q=33 Alpha=40 Beta=0 FENCE OFF  
LOC 18 RMS = 0.0852 Record 104: Q=33 Alpha=40 Beta=0 FENCE ON

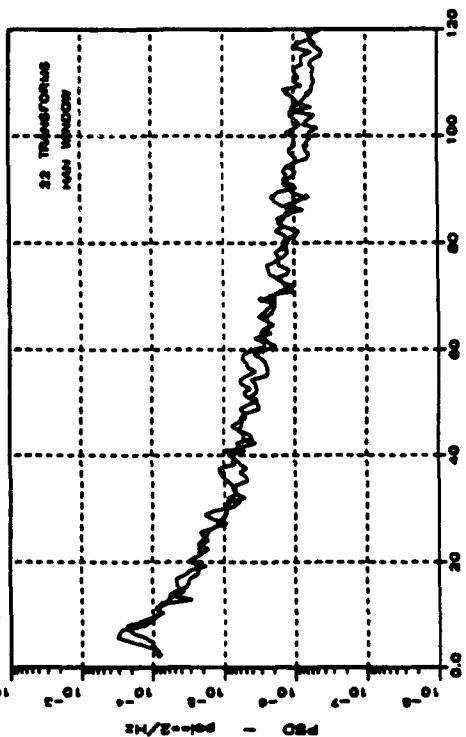


FREQUENCY - HZ

DELTA P = 0.798

# F-16 Tail Buffet Test

LOC 14 RMS = 0.0483 Record 26: Q=33 Alpha=40 Beta=0 FENCE OFF  
LOC 16 RMS = 0.0441 Record 104: Q=33 Alpha=40 Beta=0 FENCE ON

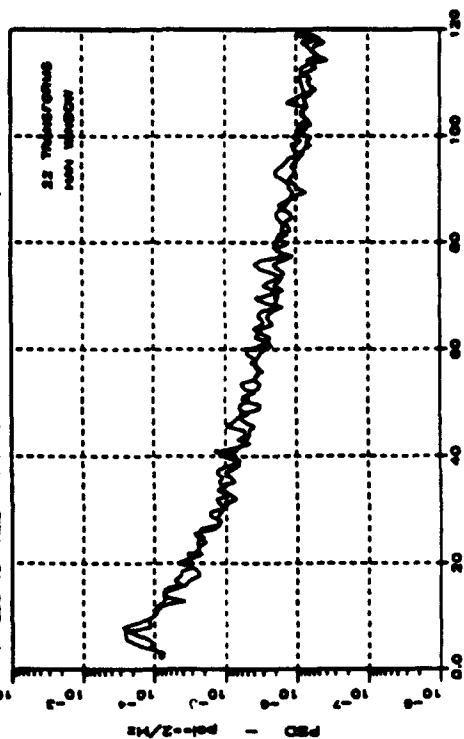


FREQUENCY - HZ

DELTA P = 0.798

# F-16 Tail Buffet Test

LOC 13 RMS = 0.0486 Record 26: Q=33 Alpha=40 Beta=0 FENCE OFF  
LOC 15 RMS = 0.0486 Record 104: Q=33 Alpha=40 Beta=0 FENCE ON

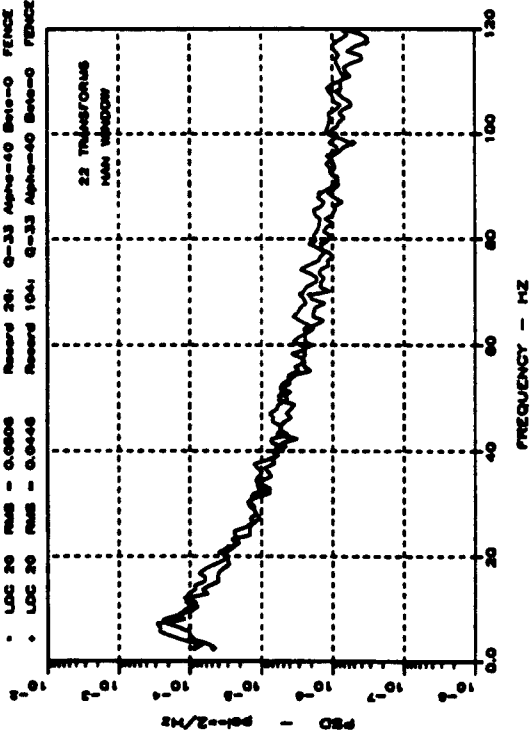


FREQUENCY - HZ

DELTA P = 0.798

F-18 Tail Buffet Test

• LOC 20 RMS = 0.0006 Record 20: Q=33 Alpha=40 Beta=0 FENCE OFF  
 • LOC 20 RMS = 0.0048 Record 104: Q=33 Alpha=40 Beta=0 FENCE ON

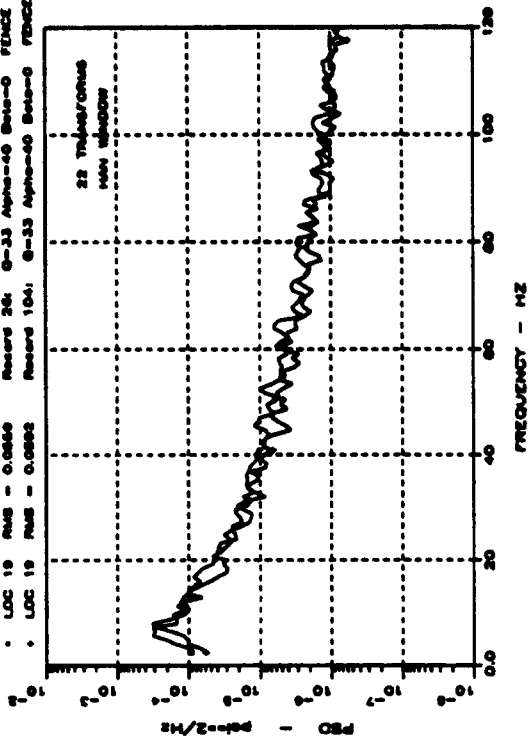


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

• LOC 19 RMS = 0.0049 Record 20: Q=33 Alpha=40 Beta=0 FENCE OFF  
 • LOC 19 RMS = 0.0002 Record 104: Q=33 Alpha=40 Beta=0 FENCE ON

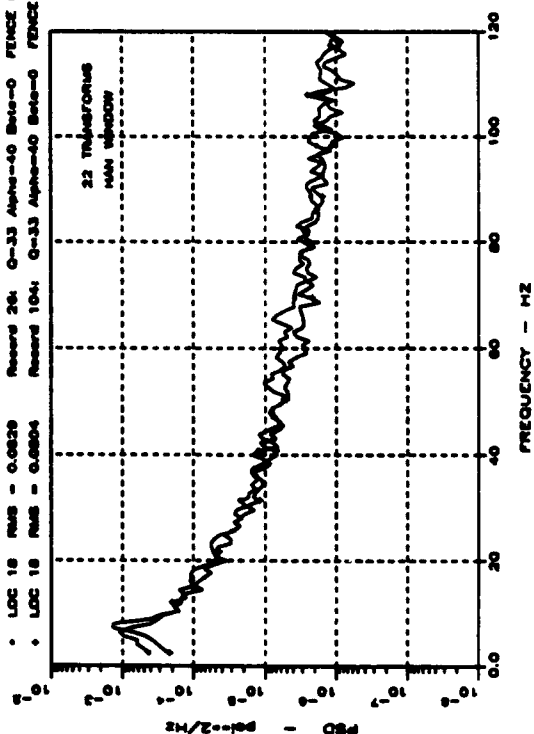


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

• LOC 18 RMS = 0.0029 Record 20: Q=33 Alpha=40 Beta=0 FENCE OFF  
 • LOC 18 RMS = 0.0004 Record 104: Q=33 Alpha=40 Beta=0 FENCE ON

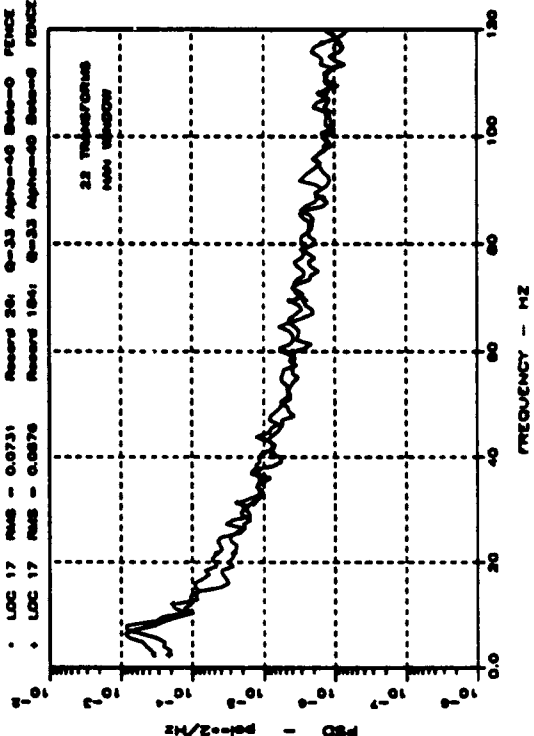


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

• LOC 17 RMS = 0.0731 Record 20: Q=33 Alpha=40 Beta=0 FENCE OFF  
 • LOC 17 RMS = 0.0076 Record 104: Q=33 Alpha=40 Beta=0 FENCE ON

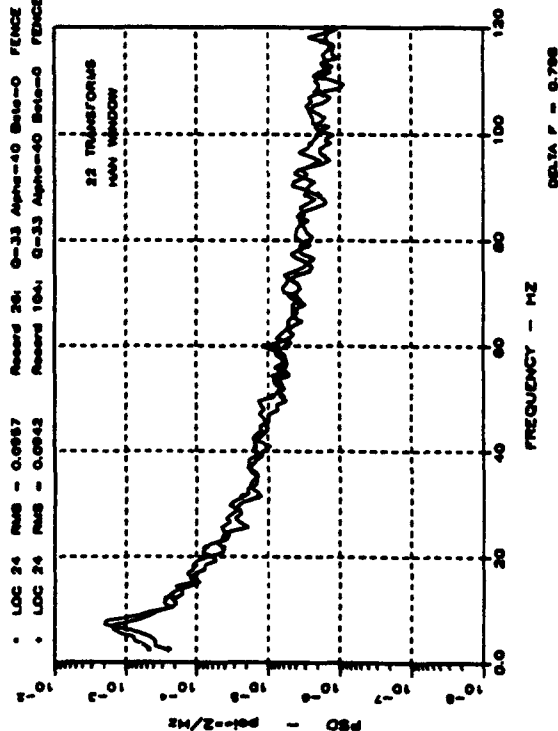


FREQUENCY - HZ

DELTA F = 0.798

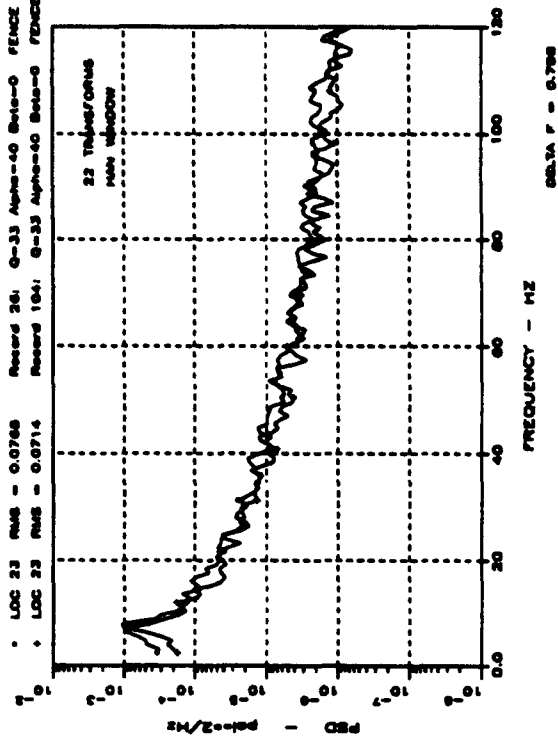
# F-16 Tail Buffet Test

LOC 24 RMS = 0.0037 Record 26: Q=33 Alpha=10 Beta=0 FENCE OFF  
LOC 24 RMS = 0.0042 Record 104: Q=33 Alpha=40 Beta=0 FENCE ON



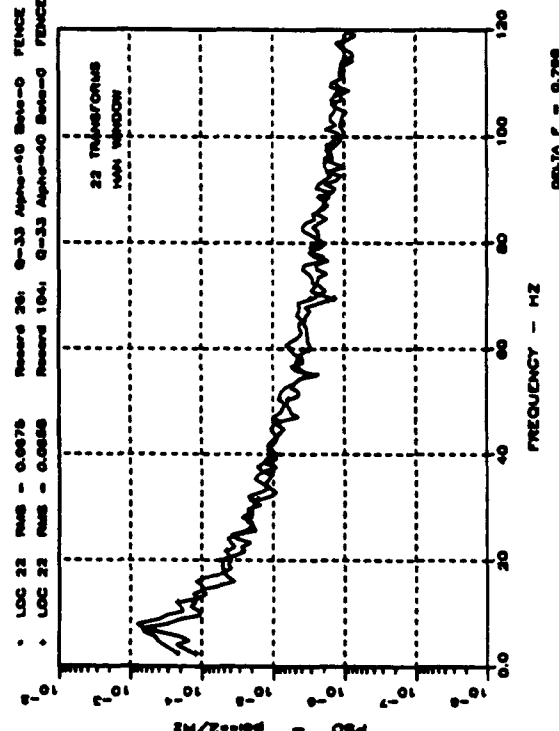
# F-16 Tail Buffet Test

LOC 23 RMS = 0.0768 Record 26: Q=33 Alpha=10 Beta=0 FENCE OFF  
LOC 23 RMS = 0.0714 Record 104: Q=33 Alpha=40 Beta=0 FENCE ON



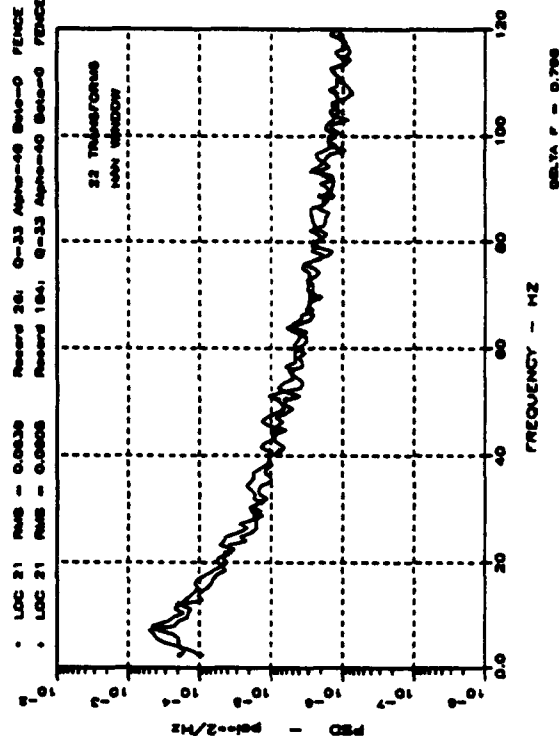
# F-16 Tail Buffet Test

LOC 22 RMS = 0.0076 Record 26: Q=33 Alpha=10 Beta=0 FENCE OFF  
LOC 22 RMS = 0.0088 Record 104: Q=33 Alpha=40 Beta=0 FENCE ON



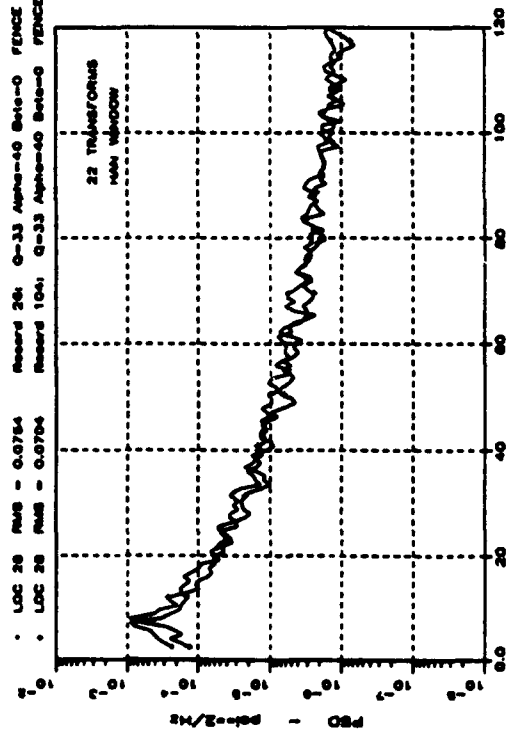
# F-16 Tail Buffet Test

LOC 21 RMS = 0.0039 Record 26: Q=33 Alpha=10 Beta=0 FENCE OFF  
LOC 21 RMS = 0.0008 Record 104: Q=33 Alpha=40 Beta=0 FENCE ON



# F-18 Tail Buffet Test

LOC 26 RMS = 0.0754 Record 26: Q=33 Alpha=40 Beta=0 FENCE OFF  
LOC 26 RMS = 0.0754 Record 104: Q=33 Alpha=40 Beta=0 FENCE ON

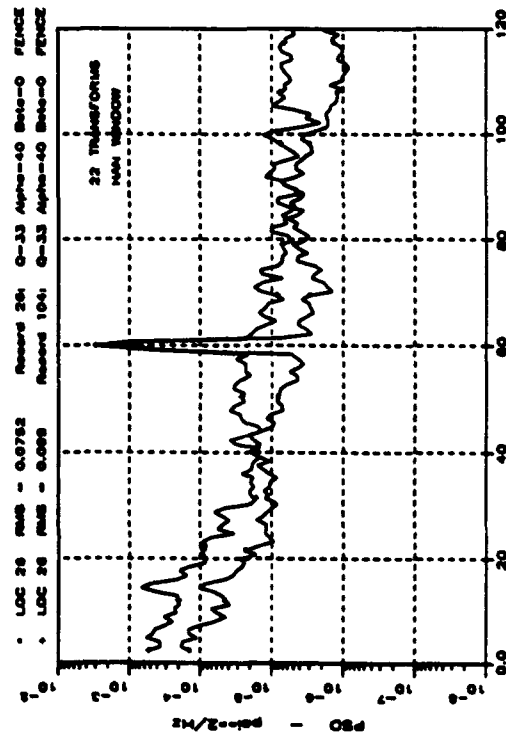


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 26 RMS = 0.0752 Record 26: Q=33 Alpha=40 Beta=0 FENCE OFF  
LOC 26 RMS = 0.099 Record 104: Q=33 Alpha=40 Beta=0 FENCE ON

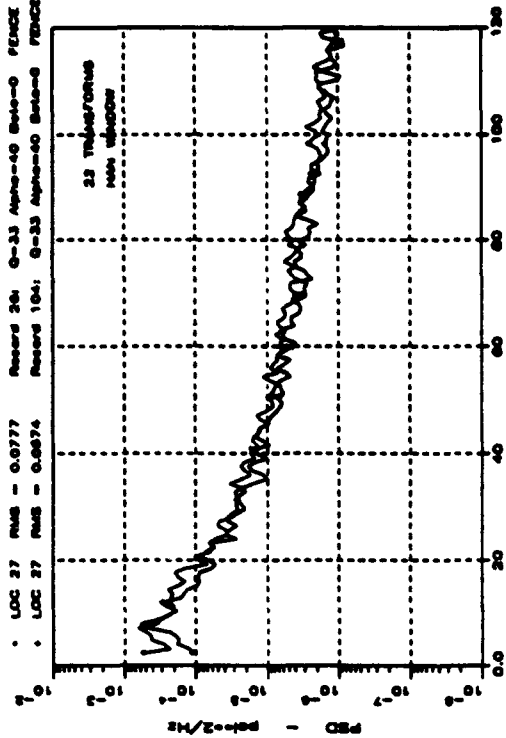


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 27 RMS = 0.0777 Record 26: Q=33 Alpha=40 Beta=0 FENCE OFF  
LOC 27 RMS = 0.0874 Record 104: Q=33 Alpha=40 Beta=0 FENCE ON

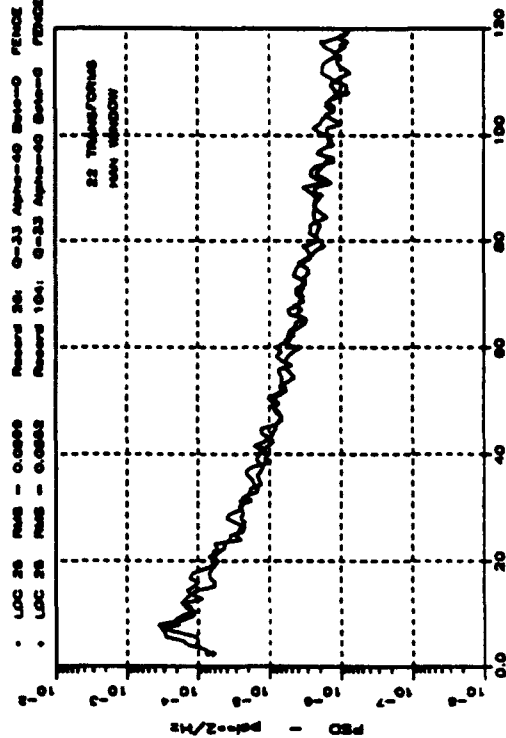


FREQUENCY - HZ

DELTA F = 0.798

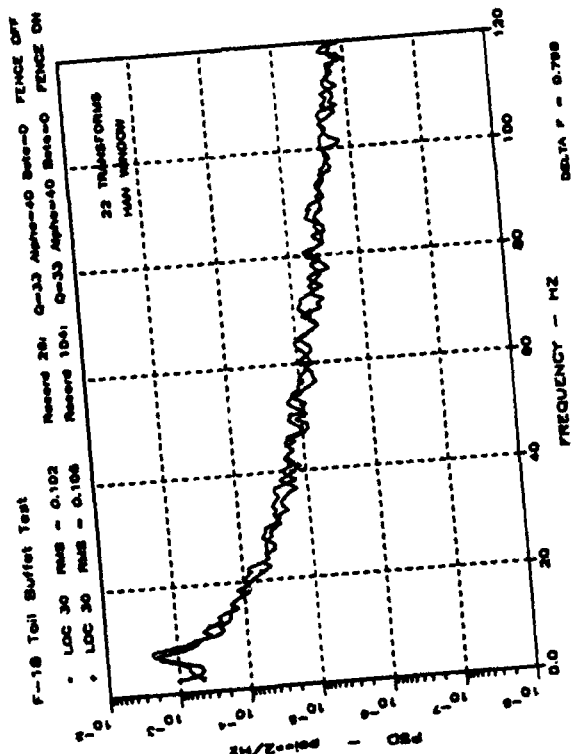
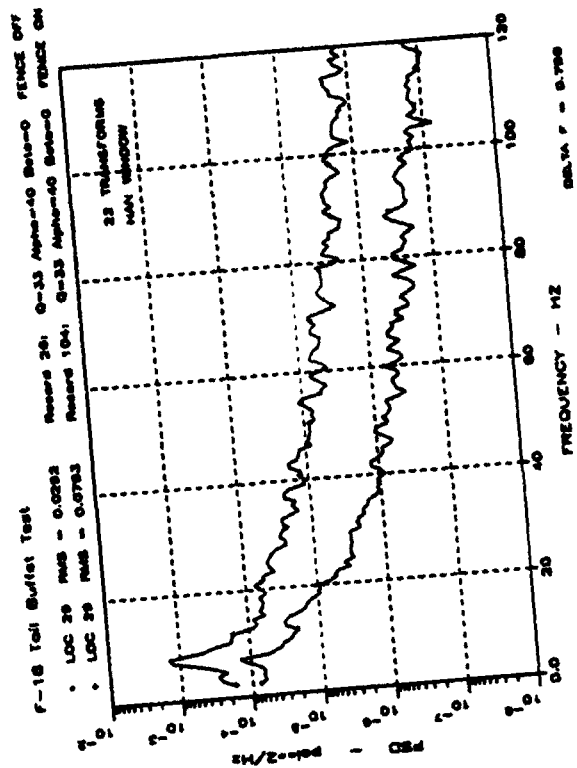
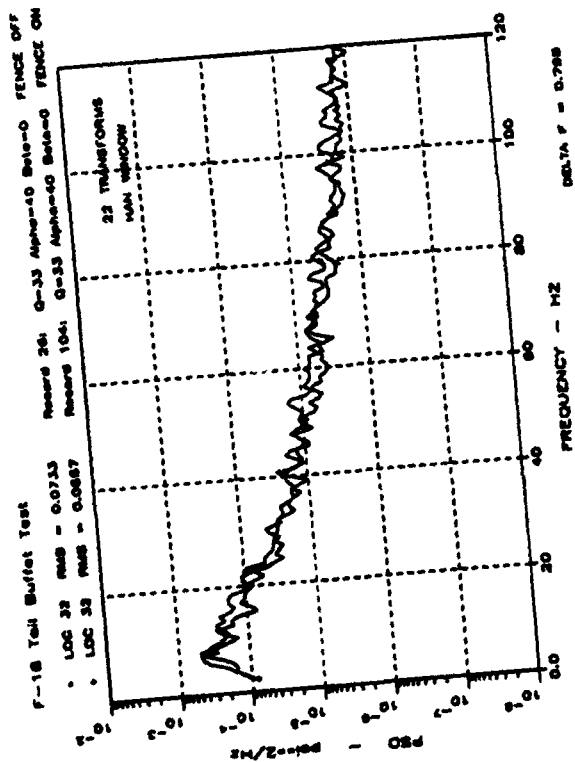
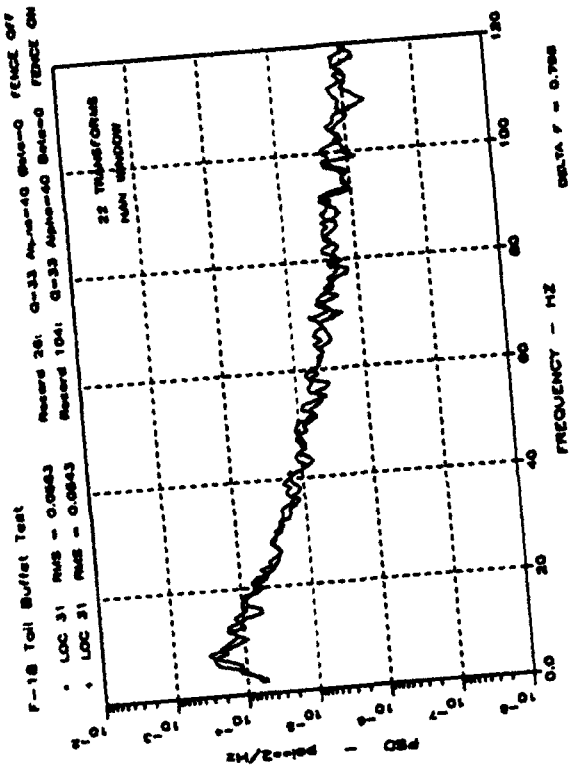
# F-18 Tail Buffet Test

LOC 26 RMS = 0.0806 Record 26: Q=33 Alpha=40 Beta=0 FENCE OFF  
LOC 26 RMS = 0.0882 Record 104: Q=33 Alpha=40 Beta=0 FENCE ON



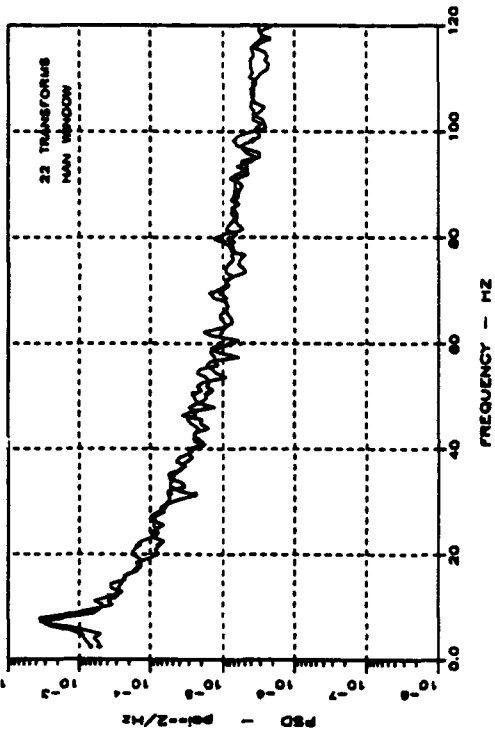
FREQUENCY - HZ

DELTA F = 0.798



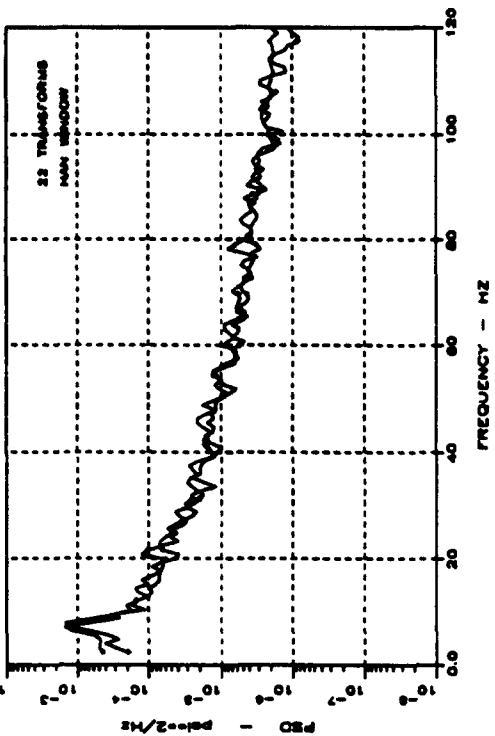
# F-16 Tail Buffet Test

LOC 35 RMS = 0.124 Record 26: Q=33 Alpha=40 Beta=0 FENCE OFF  
 LOC 36 RMS = 0.126 Record 104: Q=33 Alpha=40 Beta=0 FENCE ON



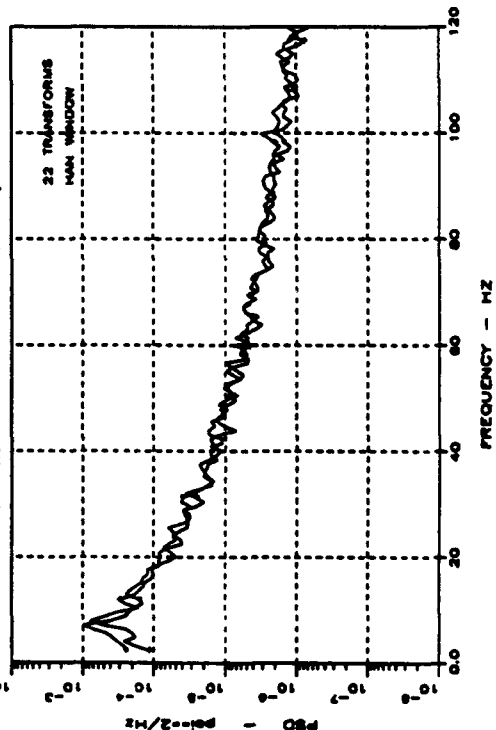
# F-16 Tail Buffet Test

LOC 35 RMS = 0.0864 Record 26: Q=33 Alpha=40 Beta=0 FENCE OFF  
 LOC 36 RMS = 0.0825 Record 104: Q=33 Alpha=40 Beta=0 FENCE ON



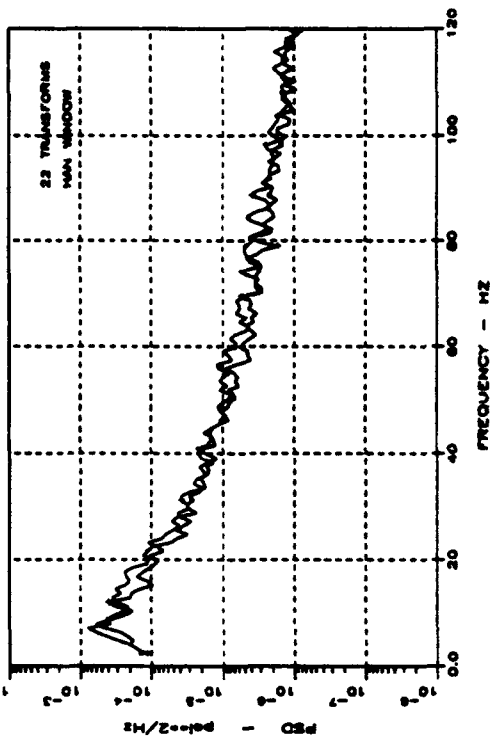
# F-16 Tail Buffet Test

LOC 34 RMS = 0.0767 Record 26: Q=33 Alpha=40 Beta=0 FENCE OFF  
 LOC 35 RMS = 0.0716 Record 104: Q=33 Alpha=40 Beta=0 FENCE ON



# F-16 Tail Buffet Test

LOC 33 RMS = 0.0811 Record 26: Q=33 Alpha=40 Beta=0 FENCE OFF  
 LOC 34 RMS = 0.0716 Record 104: Q=33 Alpha=40 Beta=0 FENCE ON

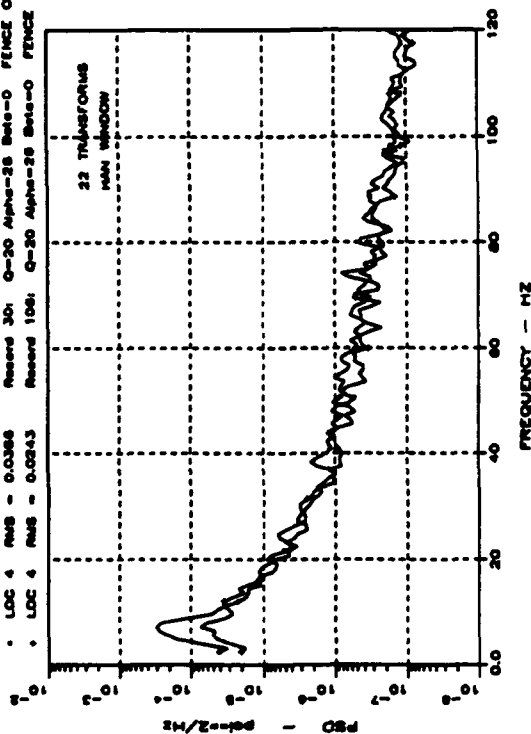






# F-18 Tail Buffet Test

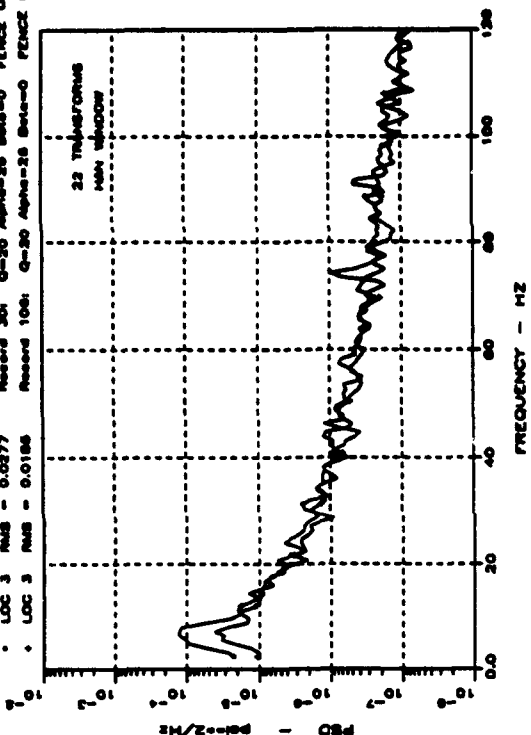
LOC 4 RMS = 0.0366 Record 30: Q=30 Alpha=25 Beta=0 FENCE OFF  
 LOC 4 RMS = 0.0243 Record 100: Q=30 Alpha=25 Beta=0 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

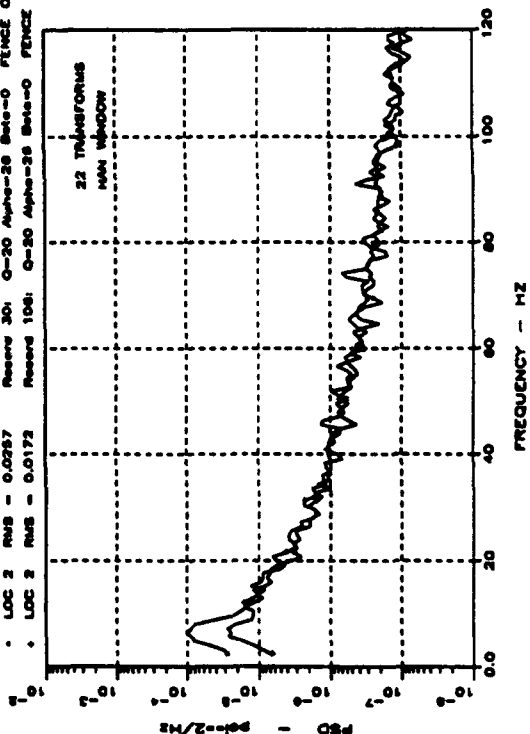
LOC 3 RMS = 0.0277 Record 30: Q=30 Alpha=25 Beta=0 FENCE OFF  
 LOC 3 RMS = 0.0186 Record 100: Q=30 Alpha=25 Beta=0 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

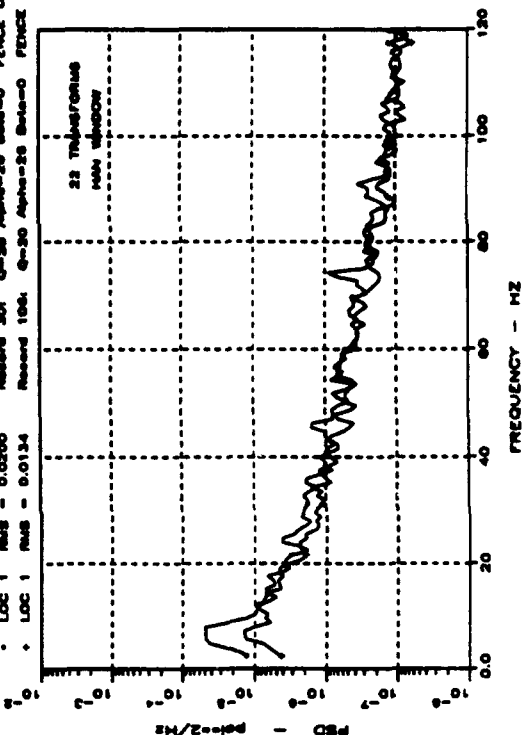
LOC 2 RMS = 0.0297 Record 30: Q=30 Alpha=25 Beta=0 FENCE OFF  
 LOC 2 RMS = 0.0172 Record 100: Q=30 Alpha=25 Beta=0 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

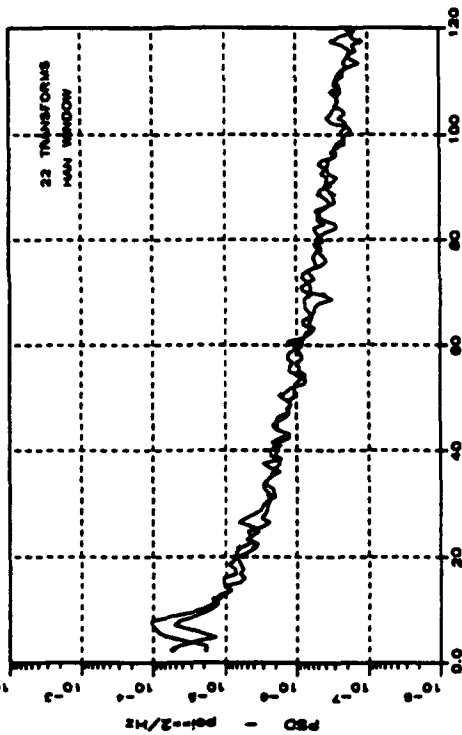
LOC 1 RMS = 0.0200 Record 30: Q=30 Alpha=25 Beta=0 FENCE OFF  
 LOC 1 RMS = 0.0134 Record 100: Q=30 Alpha=25 Beta=0 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 6 RMS = 0.0266 Record 30: Q-20 Alpha-28 Beta=0 FENCE OFF  
LOC 6 RMS = 0.0216 Record 106: Q-20 Alpha-28 Beta=0 FENCE ON

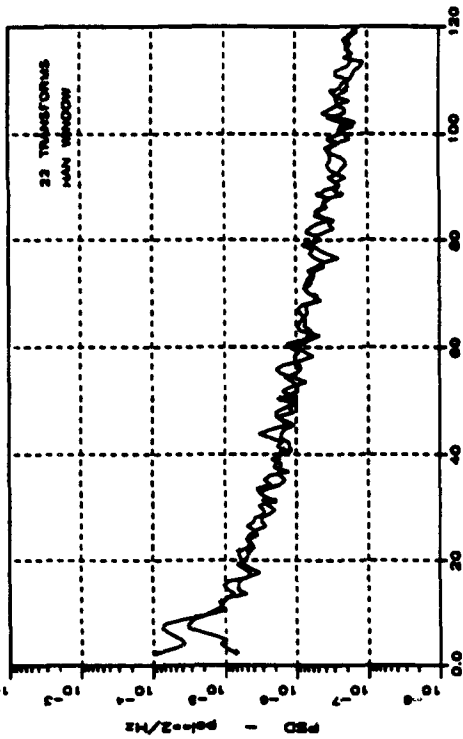


FREQUENCY - HZ

DELTA F = 0.796

# F-16 Tail Buffet Test

LOC 7 RMS = 0.0262 Record 30: Q-20 Alpha-28 Beta=0 FENCE OFF  
LOC 7 RMS = 0.0184 Record 106: Q-20 Alpha-28 Beta=0 FENCE ON

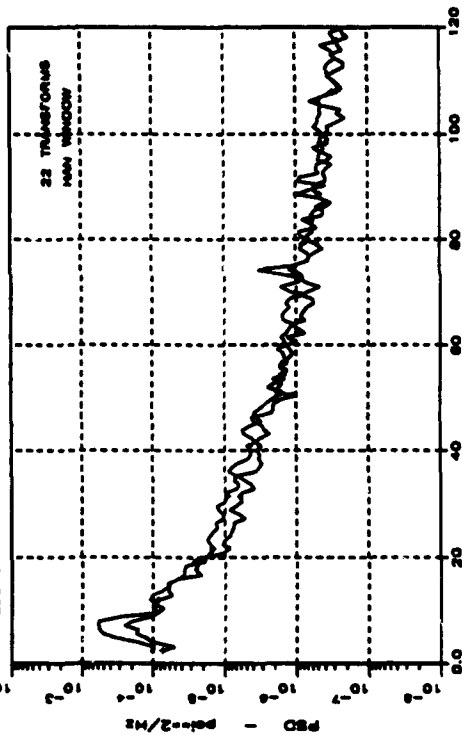


FREQUENCY - HZ

DELTA F = 0.796

# F-16 Tail Buffet Test

LOC 6 RMS = 0.0264 Record 30: Q-20 Alpha-28 Beta=0 FENCE OFF  
LOC 6 RMS = 0.0446 Record 106: Q-20 Alpha-28 Beta=0 FENCE ON

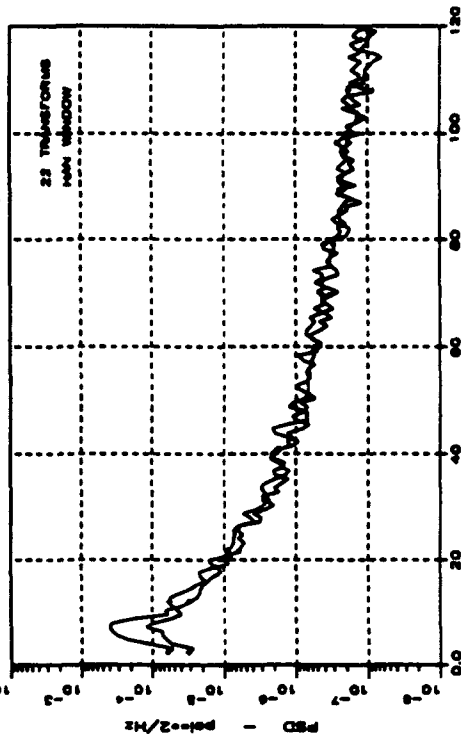


FREQUENCY - HZ

DELTA F = 0.796

# F-16 Tail Buffet Test

LOC 6 RMS = 0.0466 Record 30: Q-20 Alpha-28 Beta=0 FENCE OFF  
LOC 6 RMS = 0.0399 Record 106: Q-20 Alpha-28 Beta=0 FENCE ON

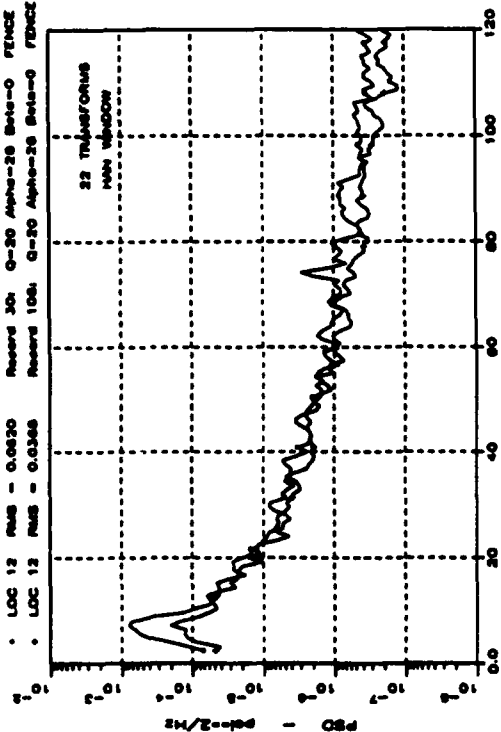


FREQUENCY - HZ

DELTA F = 0.796

# F-18 Tail Buffet Test

LOC 12 RMS = 0.0320 Record 30: Q-20 Alpha-25 Beta-0 FENCE OFF  
LOC 12 RMS = 0.0366 Record 104: Q-20 Alpha-25 Beta-0 FENCE ON

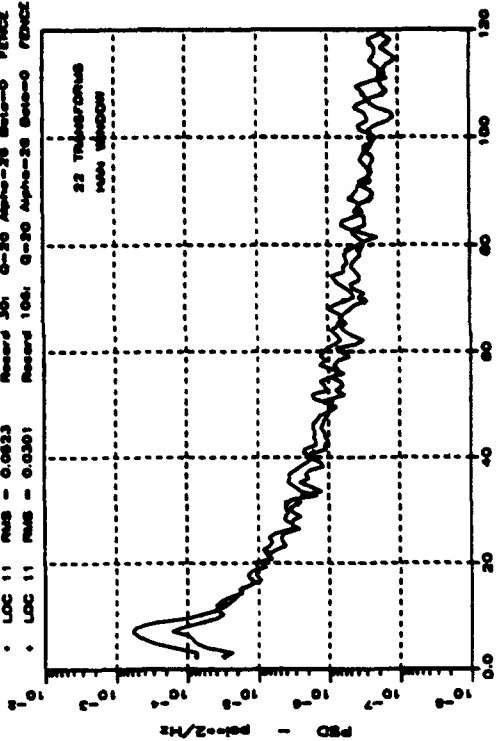


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 11 RMS = 0.0313 Record 30: Q-20 Alpha-25 Beta-0 FENCE OFF  
LOC 11 RMS = 0.0301 Record 104: Q-20 Alpha-25 Beta-0 FENCE ON

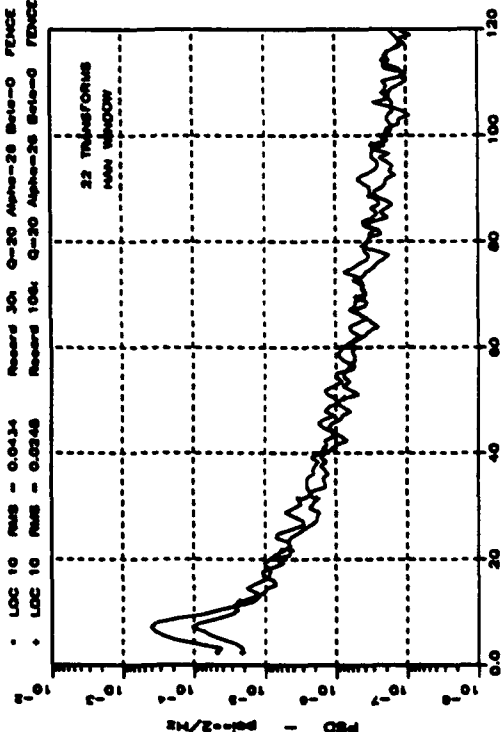


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 10 RMS = 0.0414 Record 30: Q-20 Alpha-25 Beta-0 FENCE OFF  
LOC 10 RMS = 0.0248 Record 104: Q-20 Alpha-25 Beta-0 FENCE ON

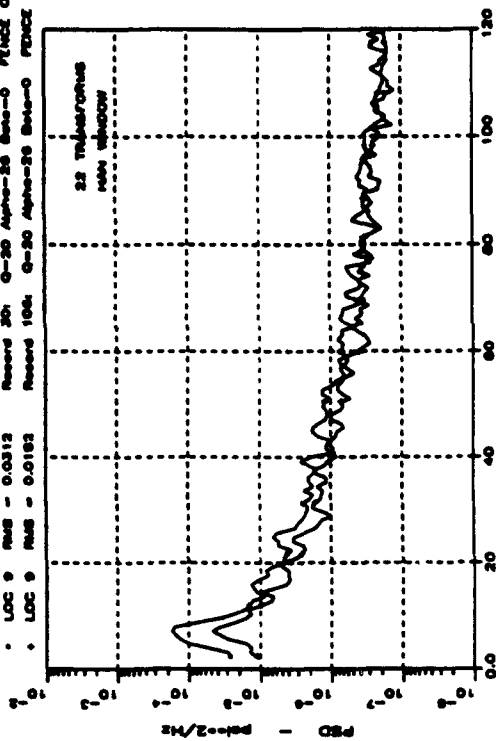


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 9 RMS = 0.0312 Record 30: Q-20 Alpha-25 Beta-0 FENCE OFF  
LOC 9 RMS = 0.0192 Record 104: Q-20 Alpha-25 Beta-0 FENCE ON

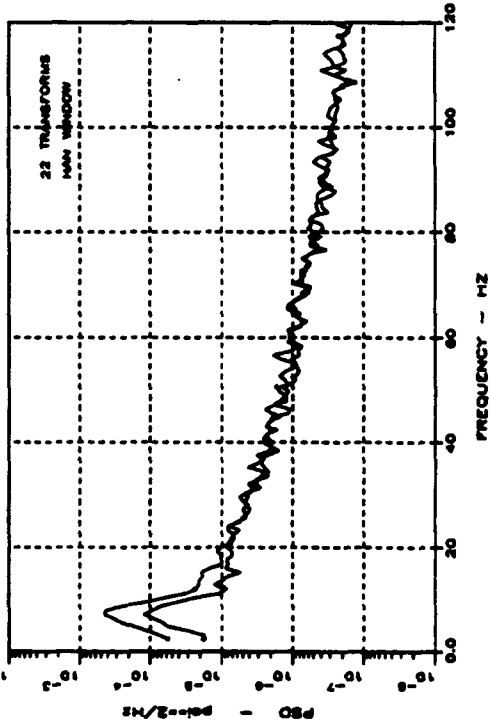


FREQUENCY - HZ

DELTA F = 0.798

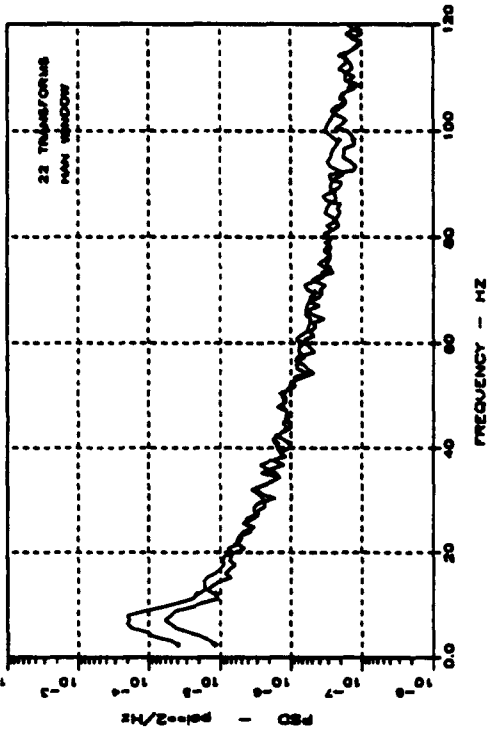
# F-16 Tail Buffet Test

LOC 18 RMS = 0.0482 Record 30: Q=20 Alpha=28 Beta=0 FENCE OFF  
 LOC 18 RMS = 0.0370 Record 104: Q=20 Alpha=28 Beta=0 FENCE ON



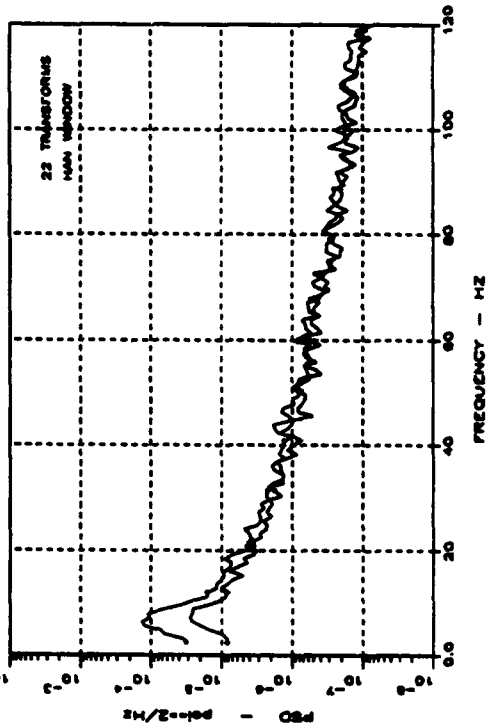
# F-16 Tail Buffet Test

LOC 18 RMS = 0.0363 Record 30: Q=20 Alpha=28 Beta=0 FENCE OFF  
 LOC 18 RMS = 0.0219 Record 104: Q=20 Alpha=28 Beta=0 FENCE ON



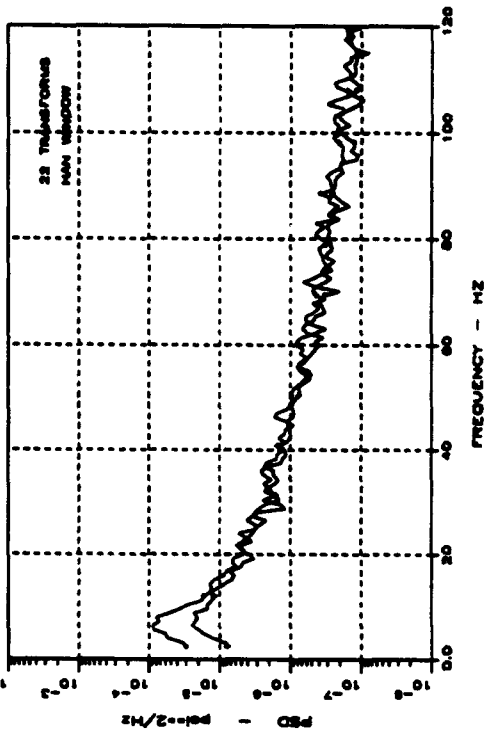
# F-16 Tail Buffet Test

LOC 14 RMS = 0.0288 Record 30: Q=20 Alpha=28 Beta=0 FENCE OFF  
 LOC 14 RMS = 0.0170 Record 104: Q=20 Alpha=28 Beta=0 FENCE ON



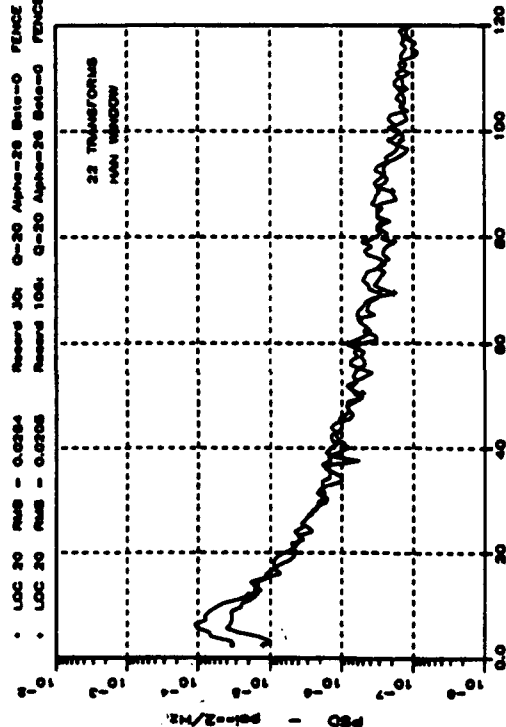
# F-16 Tail Buffet Test

LOC 13 RMS = 0.0262 Record 30: Q=20 Alpha=28 Beta=0 FENCE OFF  
 LOC 13 RMS = 0.0176 Record 104: Q=20 Alpha=28 Beta=0 FENCE ON



# F-16 Tail Buffet Test

LOC 20 RMS = 0.0264 Record 30: Q=20 Alpha=20 Beta=0 FENCE OFF  
LOC 20 RMS = 0.0205 Record 100: Q=20 Alpha=20 Beta=0 FENCE ON

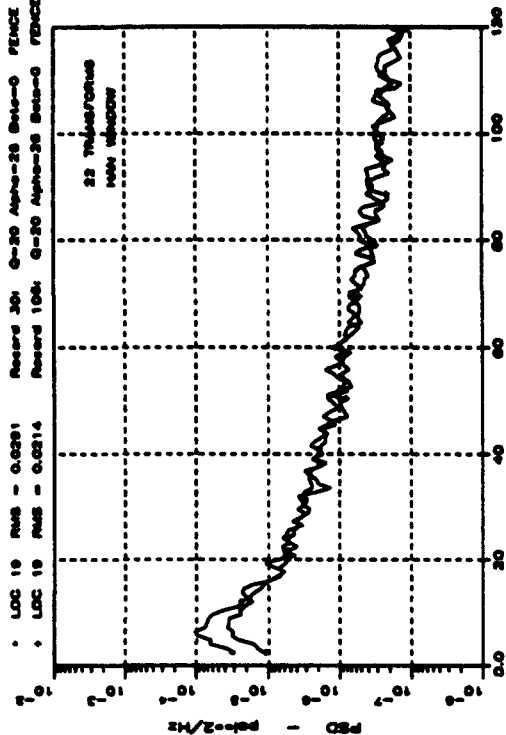


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 19 RMS = 0.0291 Record 30: Q=20 Alpha=20 Beta=0 FENCE OFF  
LOC 19 RMS = 0.0214 Record 100: Q=20 Alpha=20 Beta=0 FENCE ON

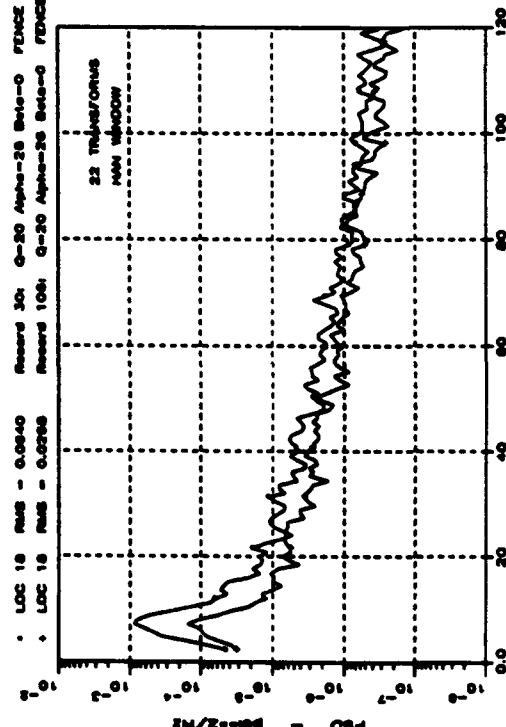


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 18 RMS = 0.0240 Record 30: Q=20 Alpha=20 Beta=0 FENCE OFF  
LOC 18 RMS = 0.0206 Record 100: Q=20 Alpha=20 Beta=0 FENCE ON

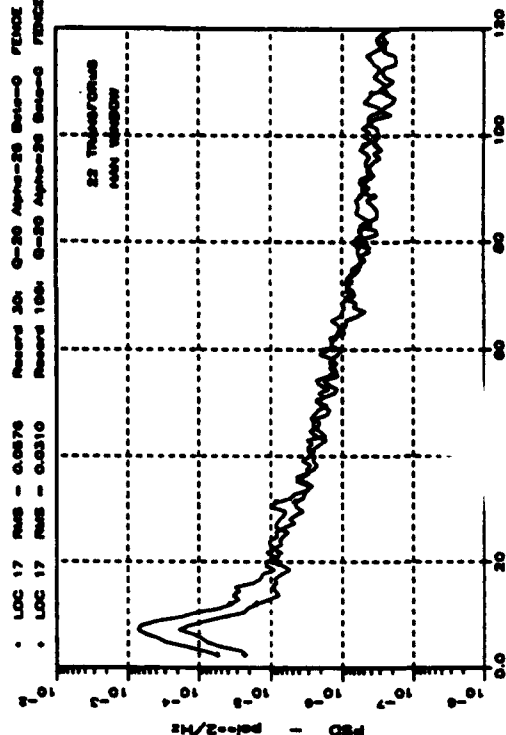


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 17 RMS = 0.0376 Record 30: Q=20 Alpha=20 Beta=0 FENCE OFF  
LOC 17 RMS = 0.0310 Record 100: Q=20 Alpha=20 Beta=0 FENCE ON

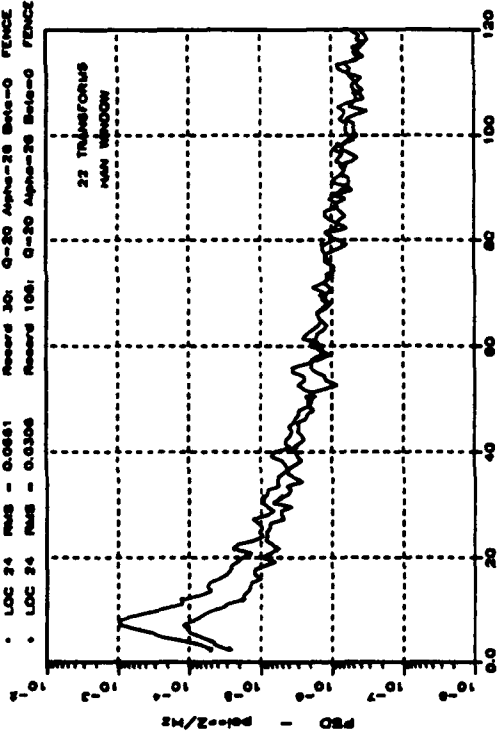


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

LOC 24 RMS = 0.0451 Record 30: Q-20 Alpha-28 Beta-0 FENCE OFF  
LOC 24 RMS = 0.0306 Record 104: Q-20 Alpha-28 Beta-0 FENCE ON

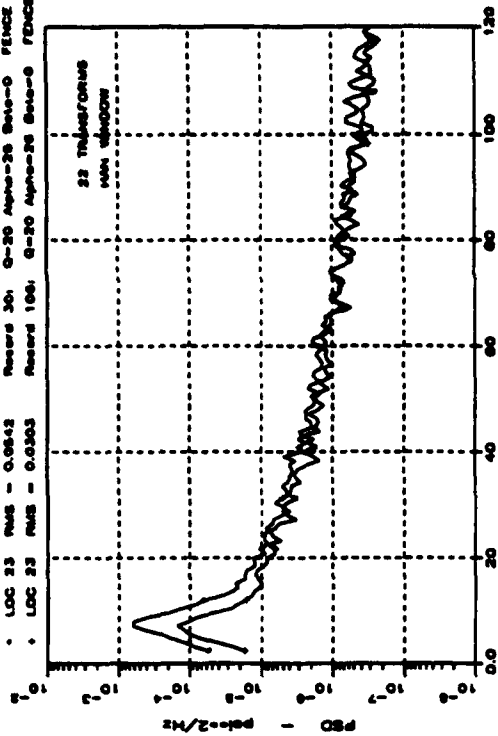


FREQUENCY - HZ

DELTA P = 0.798

F-18 Tail Buffet Test

LOC 23 RMS = 0.0342 Record 30: Q-20 Alpha-28 Beta-0 FENCE OFF  
LOC 23 RMS = 0.0303 Record 104: Q-20 Alpha-28 Beta-0 FENCE ON

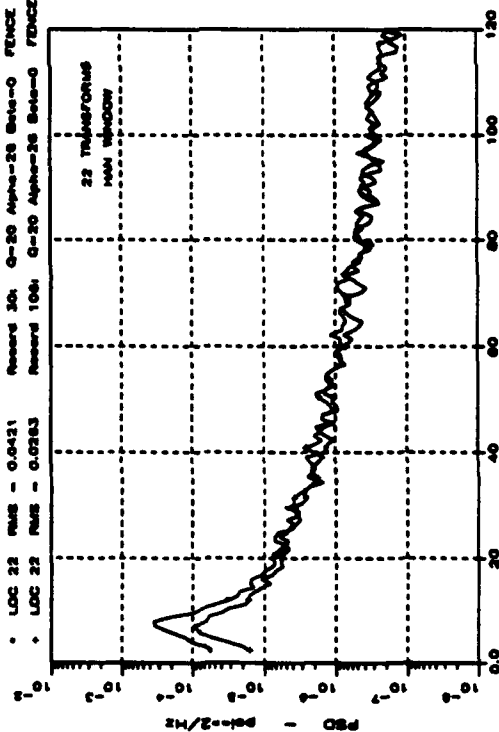


FREQUENCY - HZ

DELTA P = 0.798

F-18 Tail Buffet Test

LOC 22 RMS = 0.0431 Record 30: Q-20 Alpha-28 Beta-0 FENCE OFF  
LOC 22 RMS = 0.0283 Record 104: Q-20 Alpha-28 Beta-0 FENCE ON

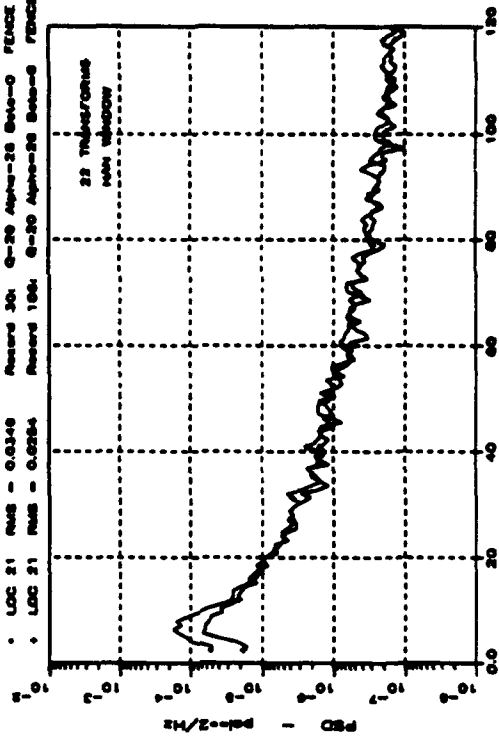


FREQUENCY - HZ

DELTA P = 0.798

F-18 Tail Buffet Test

LOC 21 RMS = 0.0346 Record 30: Q-20 Alpha-28 Beta-0 FENCE OFF  
LOC 21 RMS = 0.0284 Record 104: Q-20 Alpha-28 Beta-0 FENCE ON

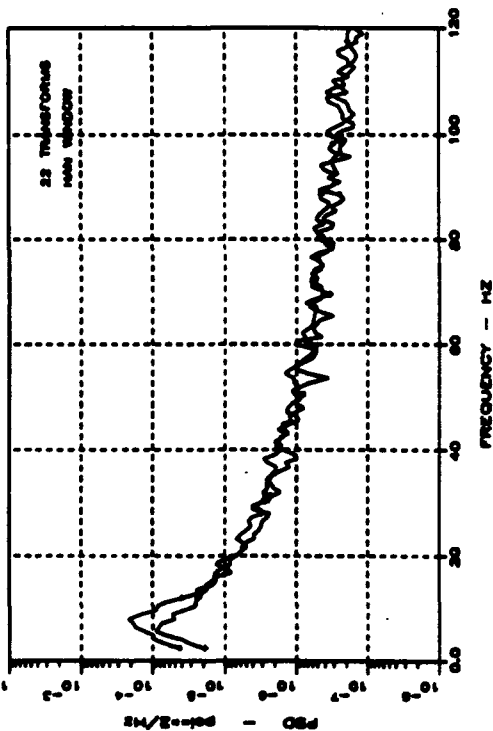


FREQUENCY - HZ

DELTA P = 0.798

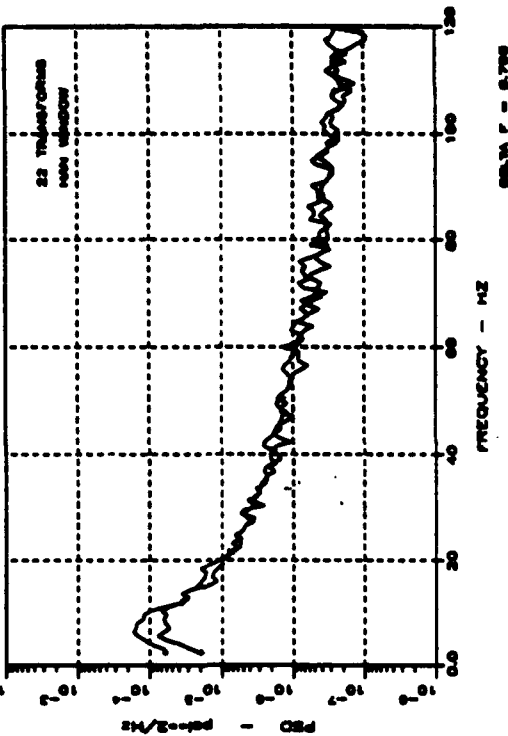
# F-18 Tail Buffet Test

• LOC 26 RMS = 0.0370 Record 304 Q-20 Alpha-20 Beta-0 FENCE OFF  
 • LOC 26 RMS = 0.0266 Record 104 Q-20 Alpha-20 Beta-0 FENCE ON



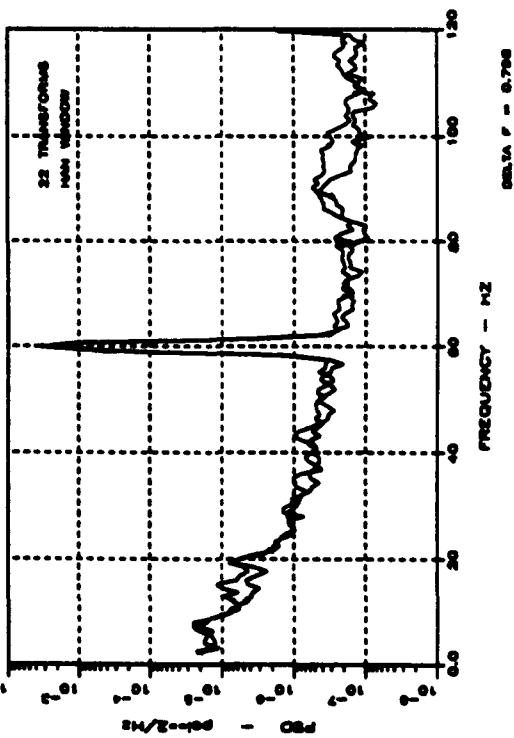
# F-18 Tail Buffet Test

• LOC 27 RMS = 0.0376 Record 304 Q-20 Alpha-20 Beta-0 FENCE OFF  
 • LOC 27 RMS = 0.0287 Record 104 Q-20 Alpha-20 Beta-0 FENCE ON



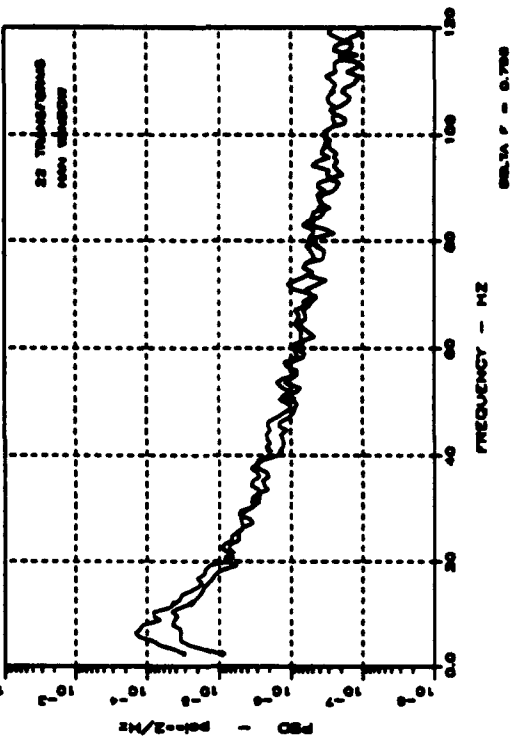
# F-18 Tail Buffet Test

• LOC 26 RMS = 0.0086 Record 304 Q-20 Alpha-20 Beta-0 FENCE OFF  
 • LOC 26 RMS = 0.0044 Record 104 Q-20 Alpha-20 Beta-0 FENCE ON



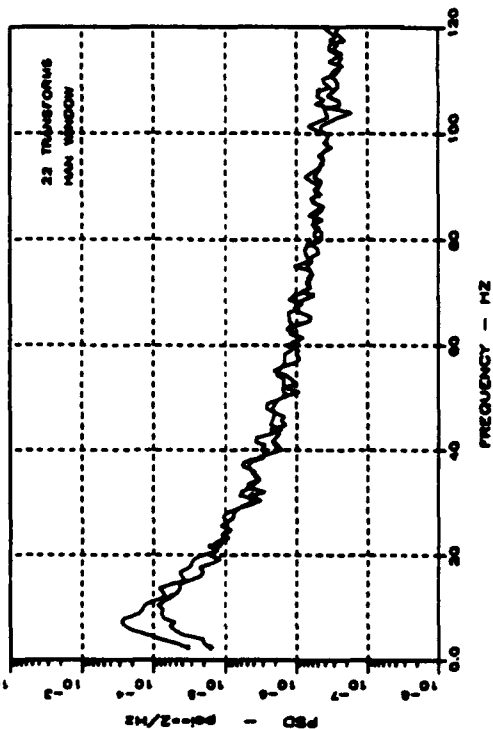
# F-18 Tail Buffet Test

• LOC 26 RMS = 0.0337 Record 304 Q-20 Alpha-20 Beta-0 FENCE OFF  
 • LOC 26 RMS = 0.0241 Record 104 Q-20 Alpha-20 Beta-0 FENCE ON



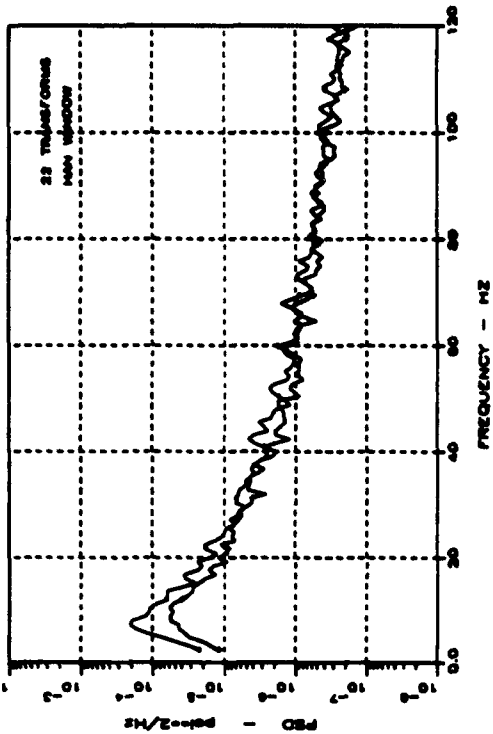
F-18 Tail Buffet Test

LOC 32 RMS = 0.0456 Record 30: Q=20 Alpha=20 Beta=0 FENCE OFF  
LOC 32 RMS = 0.0312 Record 104: Q=20 Alpha=20 Beta=0 FENCE ON



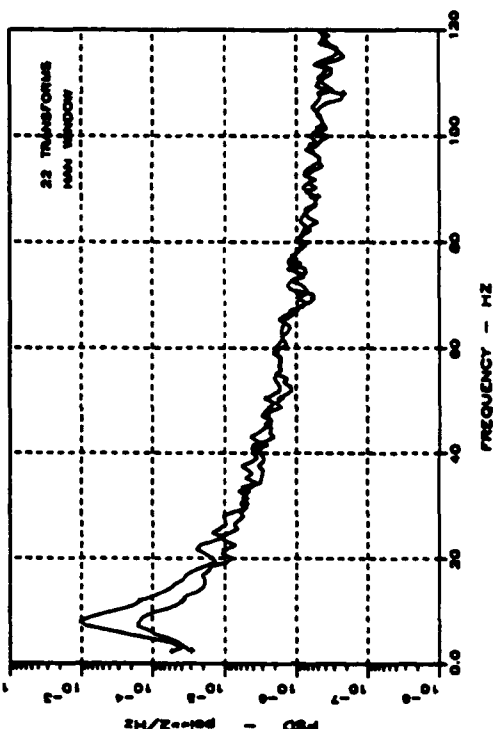
F-18 Tail Buffet Test

LOC 31 RMS = 0.0400 Record 30: Q=20 Alpha=20 Beta=0 FENCE OFF  
LOC 31 RMS = 0.0271 Record 104: Q=20 Alpha=20 Beta=0 FENCE ON



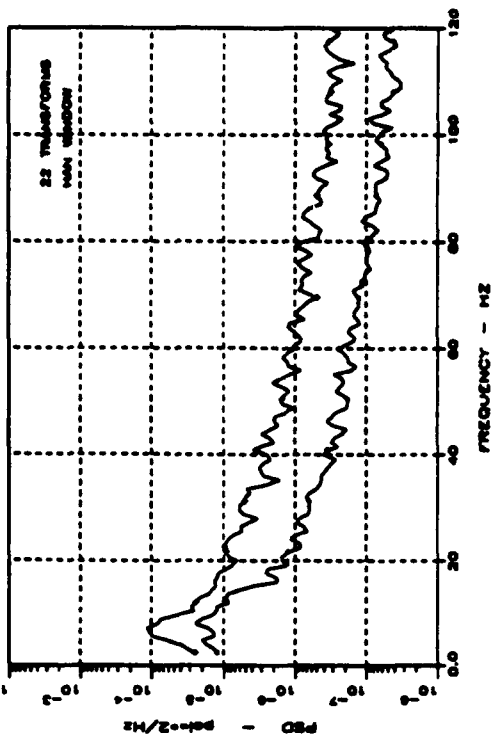
F-18 Tail Buffet Test

LOC 30 RMS = 0.0084 Record 30: Q=20 Alpha=20 Beta=0 FENCE OFF  
LOC 30 RMS = 0.0360 Record 104: Q=20 Alpha=20 Beta=0 FENCE ON



F-18 Tail Buffet Test

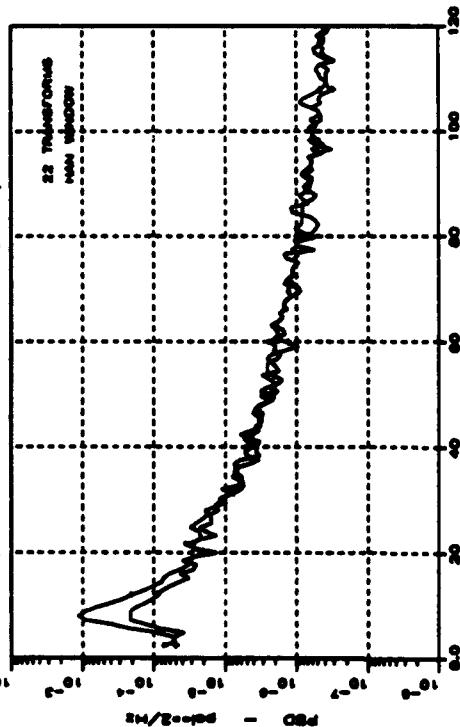
LOC 29 RMS = 0.0145 Record 30: Q=20 Alpha=20 Beta=0 FENCE OFF  
LOC 29 RMS = 0.0297 Record 104: Q=20 Alpha=20 Beta=0 FENCE ON





# F-16 Tail Buffet Test

• LOC 36 RMS = 0.0730 Record 30: Q-20 Alpha-20 Beta-0 FENCE OFF  
 • LOC 36 RMS = 0.0436 Record 104: Q-20 Alpha-20 Beta-0 FENCE ON

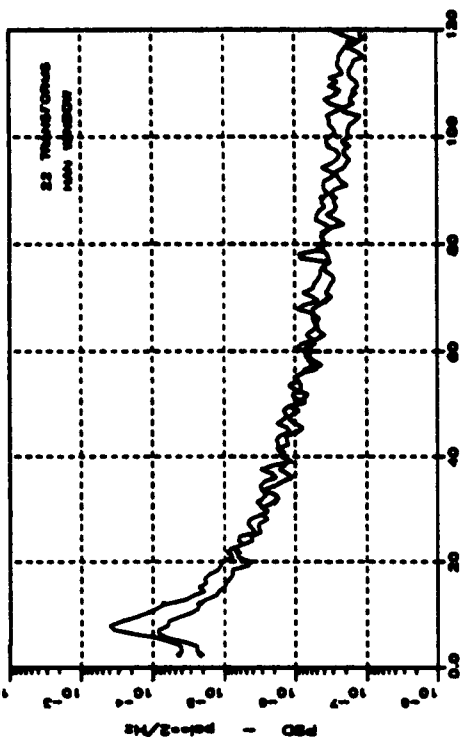


FREQUENCY - HZ

DELTA F = 0.700

# F-16 Tail Buffet Test

• LOC 36 RMS = 0.0436 Record 30: Q-20 Alpha-20 Beta-0 FENCE OFF  
 • LOC 36 RMS = 0.0252 Record 104: Q-20 Alpha-20 Beta-0 FENCE ON

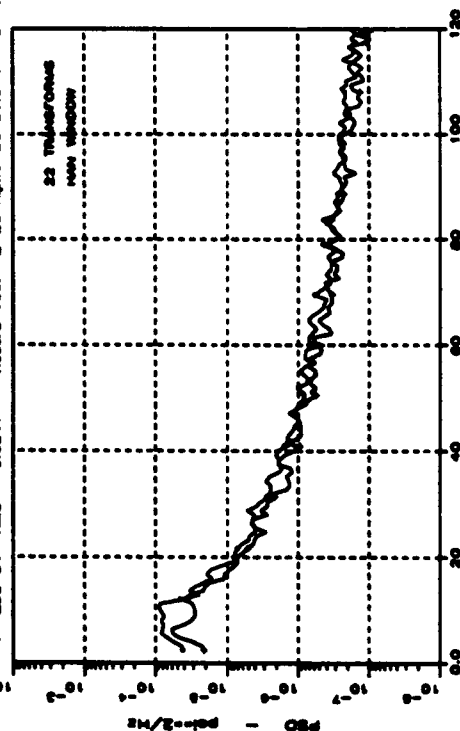


FREQUENCY - HZ

DELTA F = 0.700

# F-16 Tail Buffet Test

• LOC 34 RMS = 0.0315 Record 30: Q-20 Alpha-20 Beta-0 FENCE OFF  
 • LOC 34 RMS = 0.0261 Record 104: Q-20 Alpha-20 Beta-0 FENCE ON

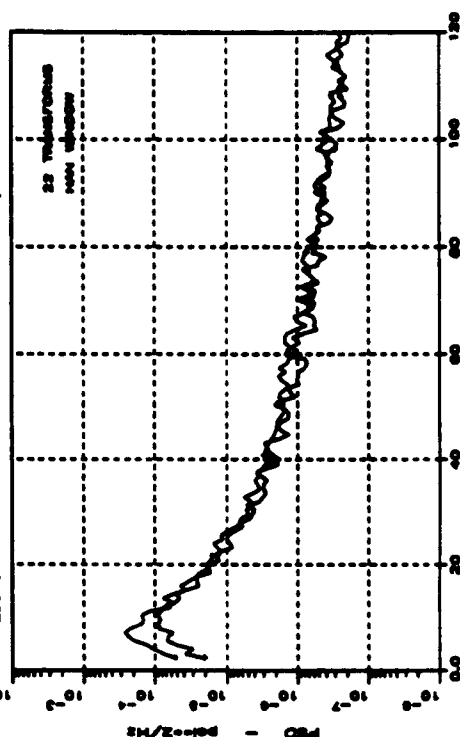


FREQUENCY - HZ

DELTA F = 0.700

# F-16 Tail Buffet Test

• LOC 33 RMS = 0.0463 Record 30: Q-20 Alpha-20 Beta-0 FENCE OFF  
 • LOC 33 RMS = 0.0336 Record 104: Q-20 Alpha-20 Beta-0 FENCE ON



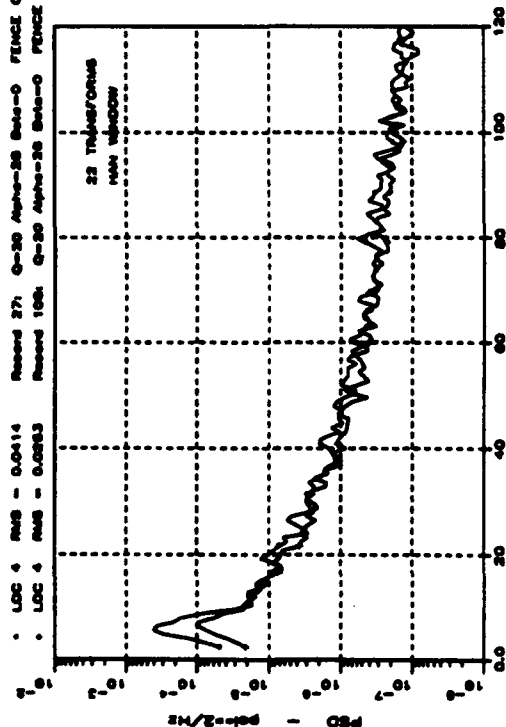
FREQUENCY - HZ

DELTA F = 0.700



# F-16 Tail Buffet Test

• LOC 4 RMS = 0.0414 Record 27: Q=20 Alpha=20 Beta=0 FENCE OFF  
 • LOC 4 RMS = 0.0263 Record 100: Q=20 Alpha=20 Beta=0 FENCE ON

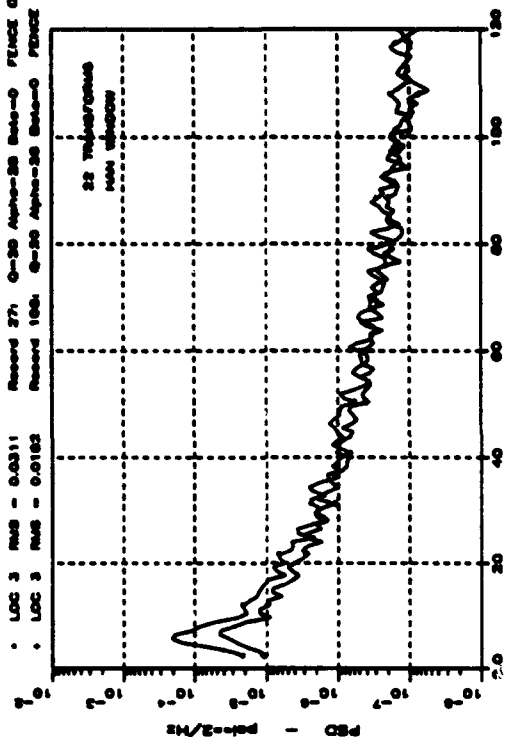


FREQUENCY - HZ

DELTA P = 0.700

# F-16 Tail Buffet Test

• LOC 3 RMS = 0.0311 Record 27: Q=20 Alpha=20 Beta=0 FENCE OFF  
 • LOC 3 RMS = 0.0163 Record 100: Q=20 Alpha=20 Beta=0 FENCE ON

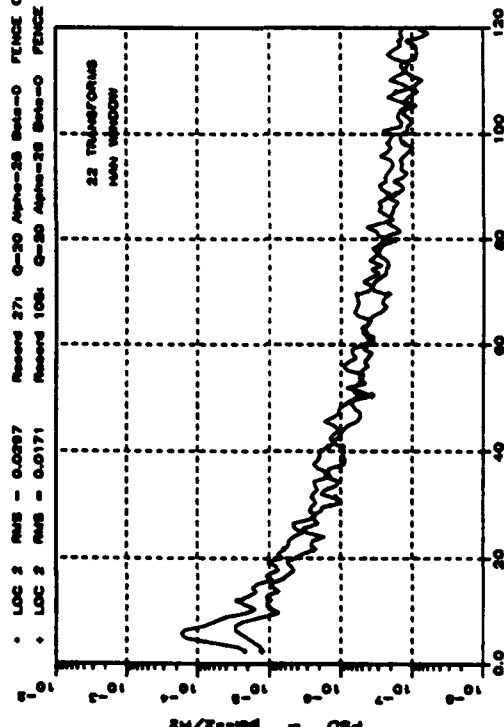


FREQUENCY - HZ

DELTA P = 0.700

# F-16 Tail Buffet Test

• LOC 2 RMS = 0.0297 Record 27: Q=20 Alpha=20 Beta=0 FENCE OFF  
 • LOC 2 RMS = 0.0171 Record 100: Q=20 Alpha=20 Beta=0 FENCE ON

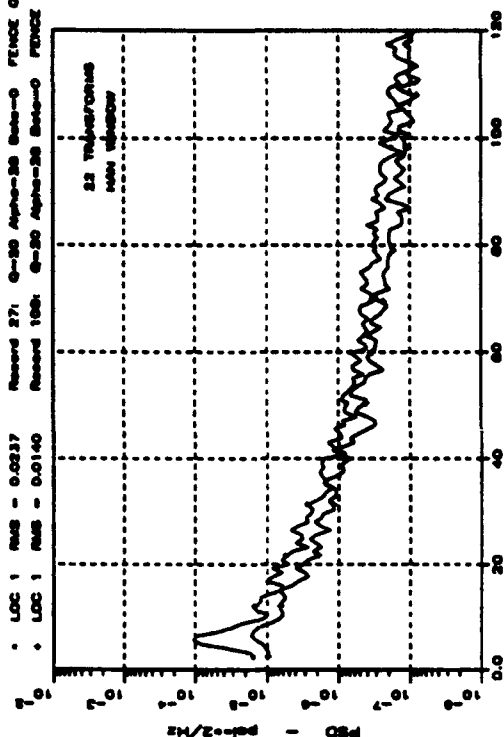


FREQUENCY - HZ

DELTA P = 0.700

# F-16 Tail Buffet Test

• LOC 1 RMS = 0.0317 Record 27: Q=20 Alpha=20 Beta=0 FENCE OFF  
 • LOC 1 RMS = 0.0140 Record 100: Q=20 Alpha=20 Beta=0 FENCE ON

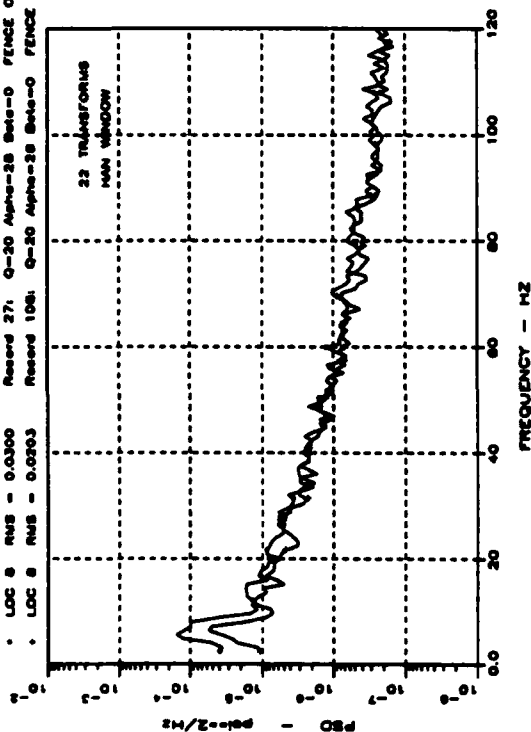


FREQUENCY - HZ

DELTA P = 0.700

# F-18 Tail Buffet Test

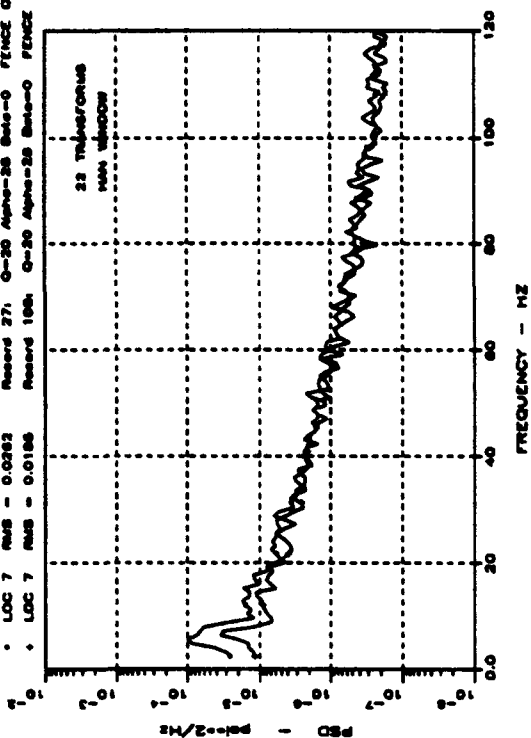
LOC 6 RMS = 0.0300 Record 27: Q-20 Alpha-28 Beta-0 FENCE OFF  
 LOC 6 RMS = 0.0293 Record 108: Q-20 Alpha-28 Beta-0 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

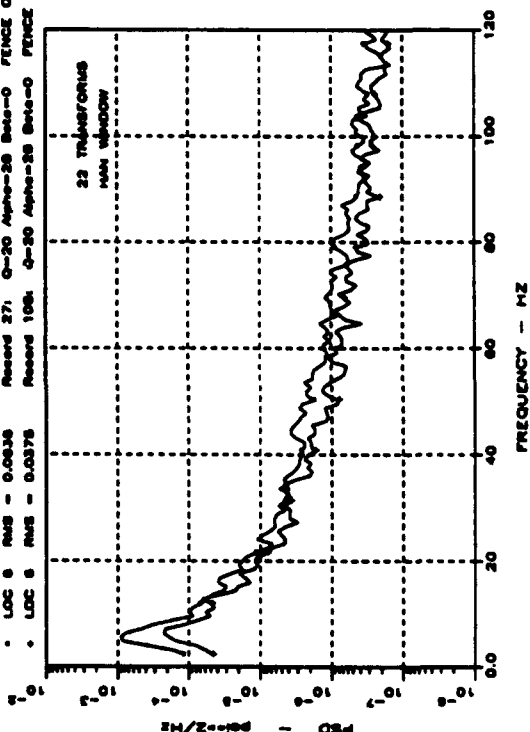
LOC 7 RMS = 0.0282 Record 27: Q-20 Alpha-28 Beta-0 FENCE OFF  
 LOC 7 RMS = 0.0186 Record 108: Q-20 Alpha-28 Beta-0 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

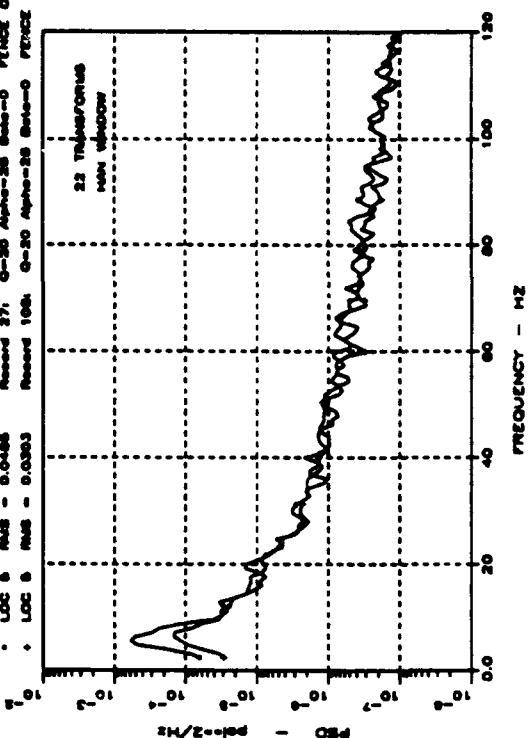
LOC 6 RMS = 0.0336 Record 27: Q-20 Alpha-28 Beta-0 FENCE OFF  
 LOC 6 RMS = 0.0375 Record 108: Q-20 Alpha-28 Beta-0 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

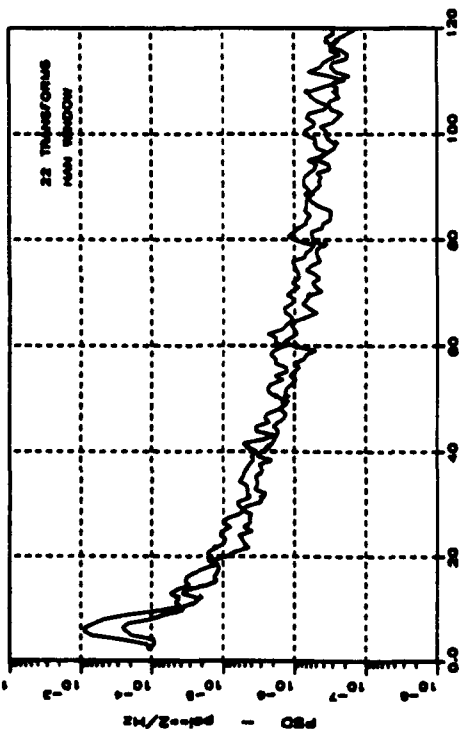
LOC 6 RMS = 0.0485 Record 27: Q-20 Alpha-28 Beta-0 FENCE OFF  
 LOC 6 RMS = 0.0393 Record 108: Q-20 Alpha-28 Beta-0 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

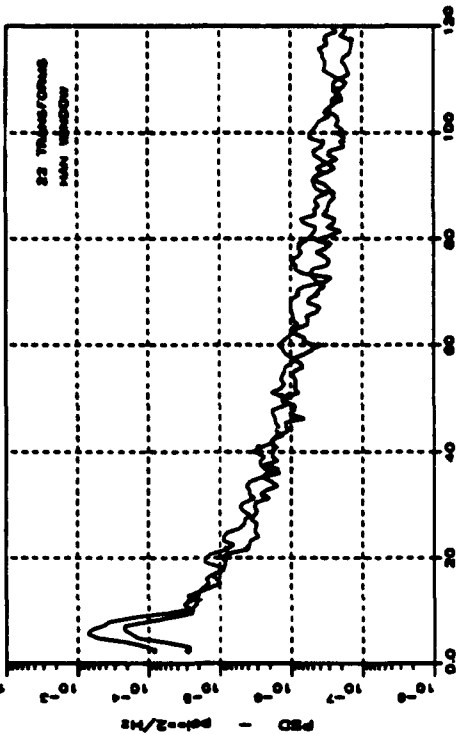
• LOC 12 RMS = 0.0326 Record 27: Q=20 Alpha=28 Beta=0 FENCE OFF  
• LOC 12 RMS = 0.0309 Record 108: Q=20 Alpha=28 Beta=0 FENCE ON



DELTA P = 0.798

# F-18 Tail Buffet Test

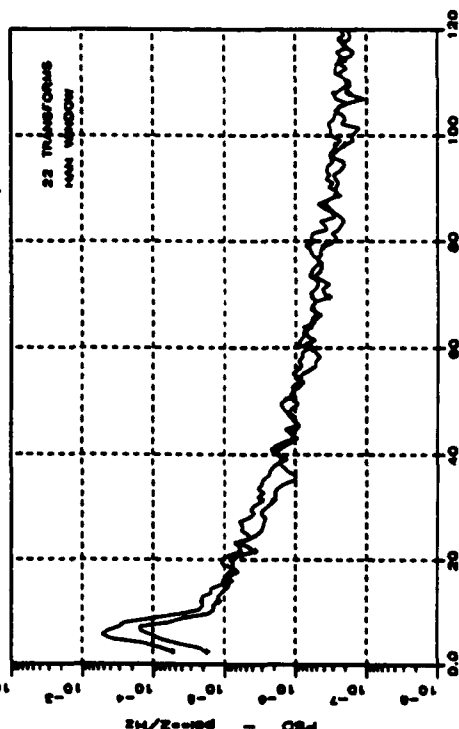
• LOC 11 RMS = 0.0347 Record 27: Q=20 Alpha=28 Beta=0 FENCE OFF  
• LOC 11 RMS = 0.0330 Record 108: Q=20 Alpha=28 Beta=0 FENCE ON



DELTA P = 0.798

# F-18 Tail Buffet Test

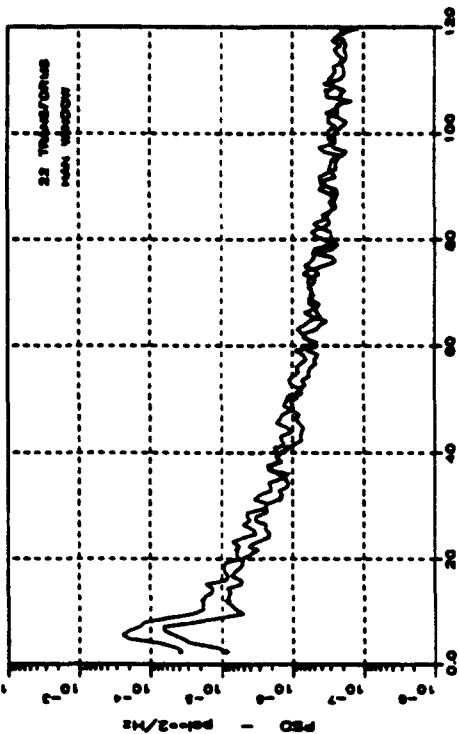
• LOC 10 RMS = 0.0460 Record 27: Q=20 Alpha=28 Beta=0 FENCE OFF  
• LOC 10 RMS = 0.0375 Record 108: Q=20 Alpha=28 Beta=0 FENCE ON



DELTA P = 0.798

# F-18 Tail Buffet Test

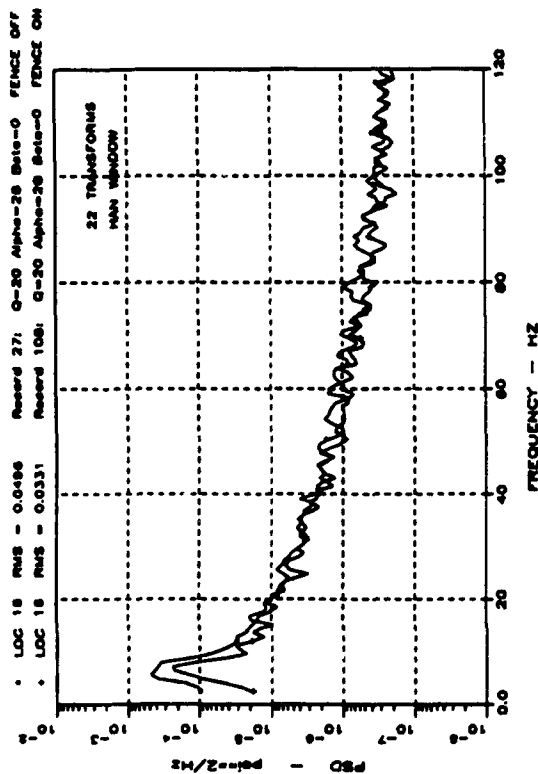
• LOC 9 RMS = 0.0341 Record 27: Q=20 Alpha=28 Beta=0 FENCE OFF  
• LOC 9 RMS = 0.0188 Record 108: Q=20 Alpha=28 Beta=0 FENCE ON



DELTA P = 0.798

# F-16 Tail Buffet Test

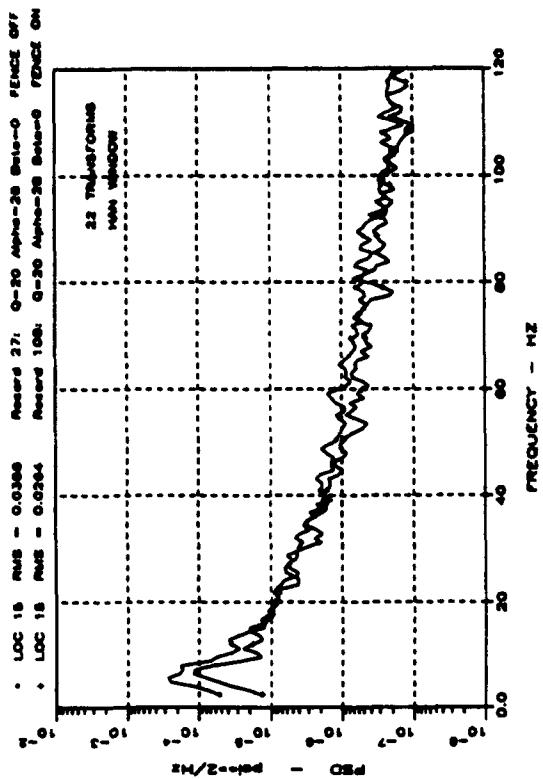
• LOC 18 RMS = 0.0496 Record 27: Q=20 Alpha=28 Beta=0 FENCE OFF  
 • LOC 18 RMS = 0.0331 Record 108: Q=20 Alpha=28 Beta=0 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

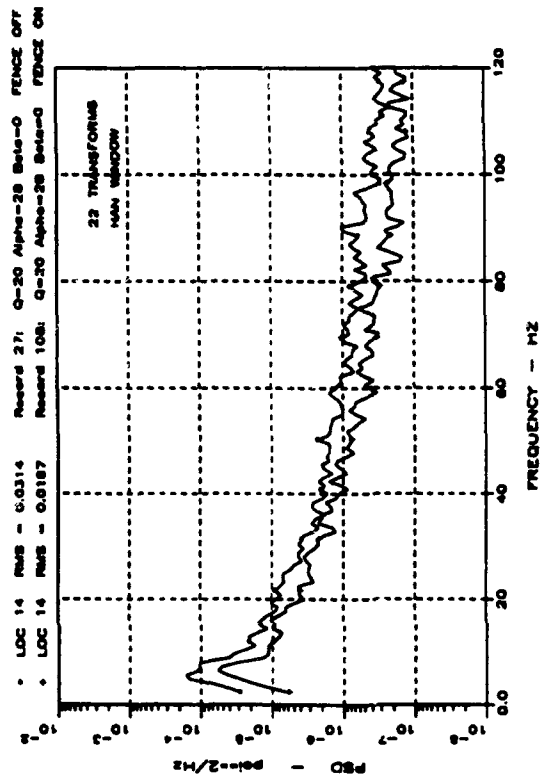
• LOC 18 RMS = 0.0368 Record 27: Q=20 Alpha=28 Beta=0 FENCE OFF  
 • LOC 18 RMS = 0.0264 Record 108: Q=20 Alpha=28 Beta=0 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

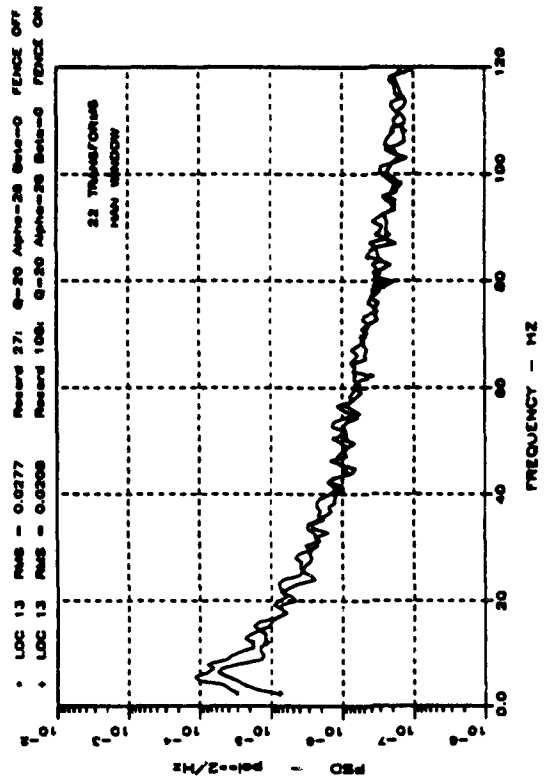
• LOC 14 RMS = 0.0314 Record 27: Q=20 Alpha=28 Beta=0 FENCE OFF  
 • LOC 14 RMS = 0.0187 Record 108: Q=20 Alpha=28 Beta=0 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

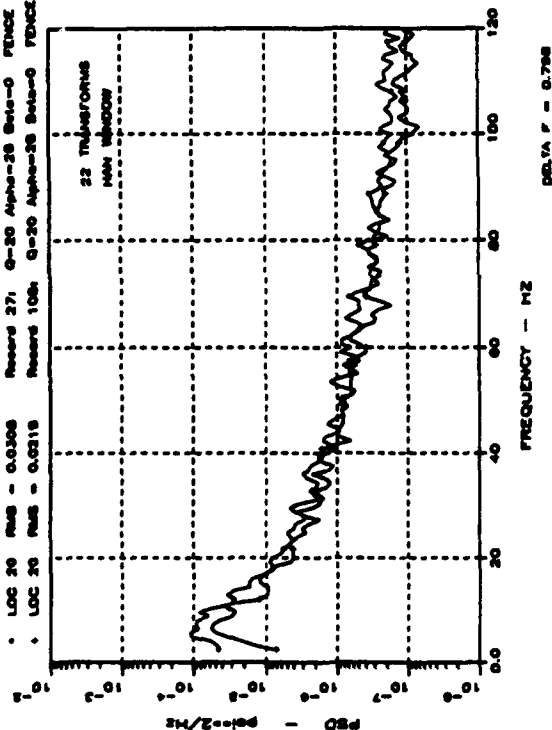
• LOC 13 RMS = 0.0277 Record 27: Q=20 Alpha=28 Beta=0 FENCE OFF  
 • LOC 13 RMS = 0.0208 Record 108: Q=20 Alpha=28 Beta=0 FENCE ON



DELTA F = 0.798

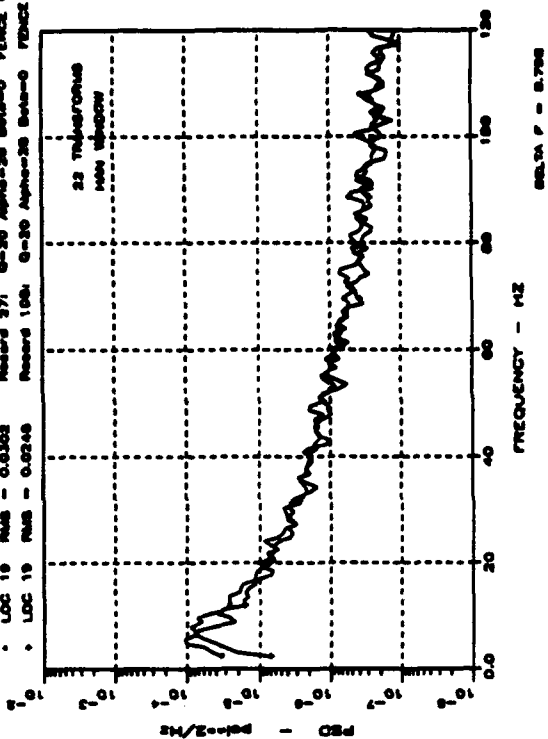
# F-16 Tail Buffet Test

• LOC 20 RMS = 0.0308 Record 27: Q=20 Alpha=28 Beta=0 FENCE OFF  
 • LOC 20 RMS = 0.0318 Record 100: Q=20 Alpha=28 Beta=0 FENCE ON



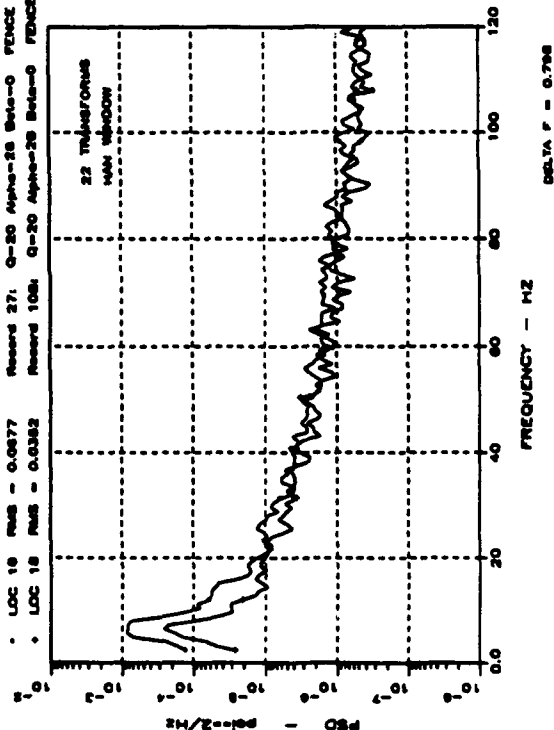
# F-16 Tail Buffet Test

• LOC 19 RMS = 0.0302 Record 27: Q=20 Alpha=28 Beta=0 FENCE OFF  
 • LOC 19 RMS = 0.0248 Record 100: Q=20 Alpha=28 Beta=0 FENCE ON



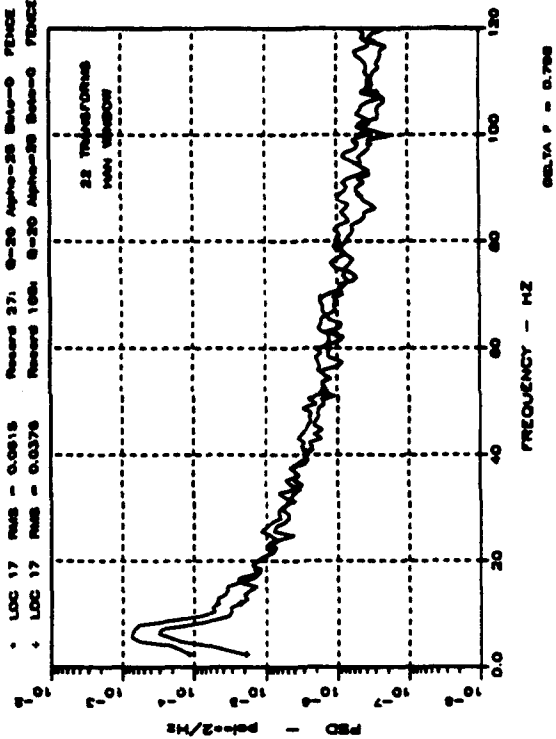
# F-16 Tail Buffet Test

• LOC 18 RMS = 0.0377 Record 27: Q=20 Alpha=28 Beta=0 FENCE OFF  
 • LOC 18 RMS = 0.0382 Record 100: Q=20 Alpha=28 Beta=0 FENCE ON



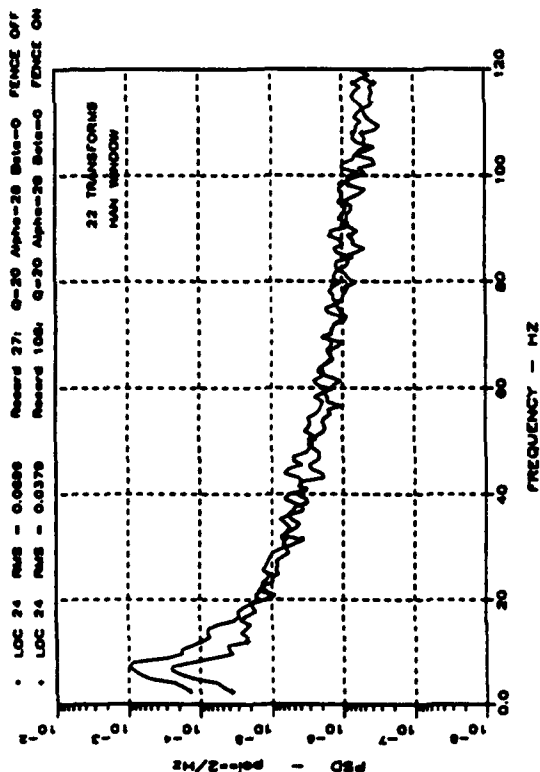
# F-16 Tail Buffet Test

• LOC 17 RMS = 0.0315 Record 27: Q=20 Alpha=28 Beta=0 FENCE OFF  
 • LOC 17 RMS = 0.0375 Record 100: Q=20 Alpha=28 Beta=0 FENCE ON



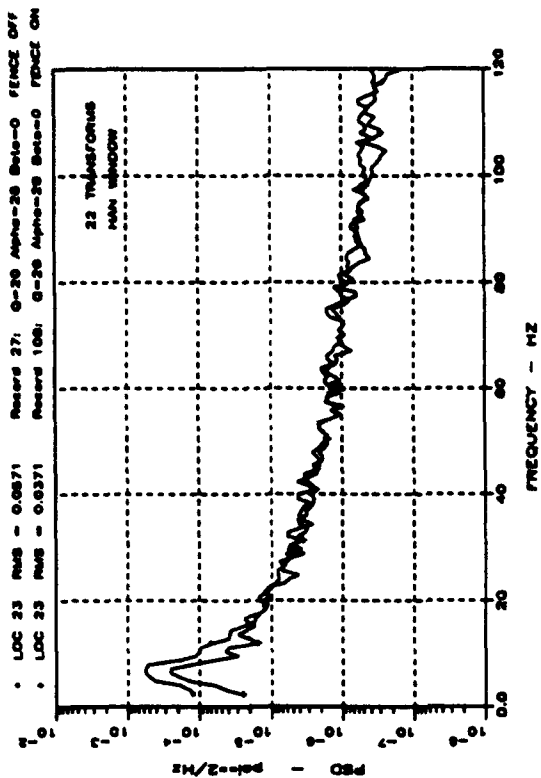
# F-16 Tail Buffet Test

LOC 24 RMS = 0.0090 Record 27: Q=20 Alpha=20 Beta=0 FENCE OFF  
 LOC 24 RMS = 0.0376 Record 108: Q=20 Alpha=20 Beta=0 FENCE ON



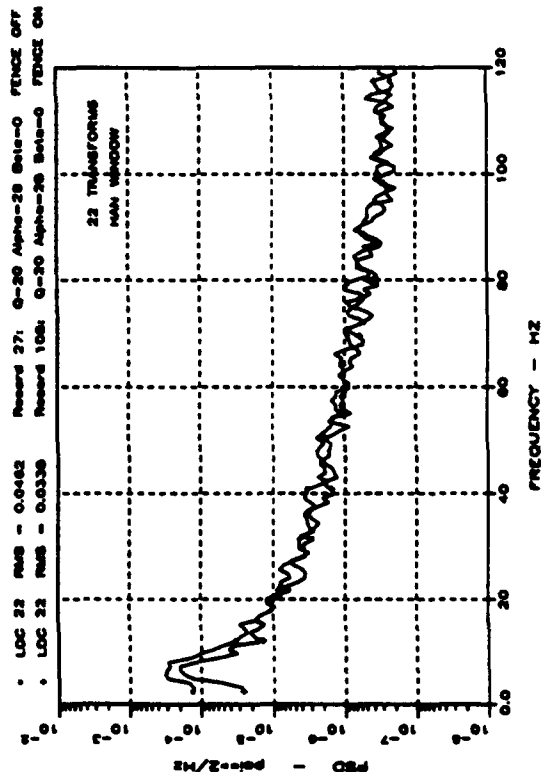
# F-16 Tail Buffet Test

LOC 23 RMS = 0.0371 Record 27: Q=20 Alpha=20 Beta=0 FENCE OFF  
 LOC 23 RMS = 0.0371 Record 108: Q=20 Alpha=20 Beta=0 FENCE ON



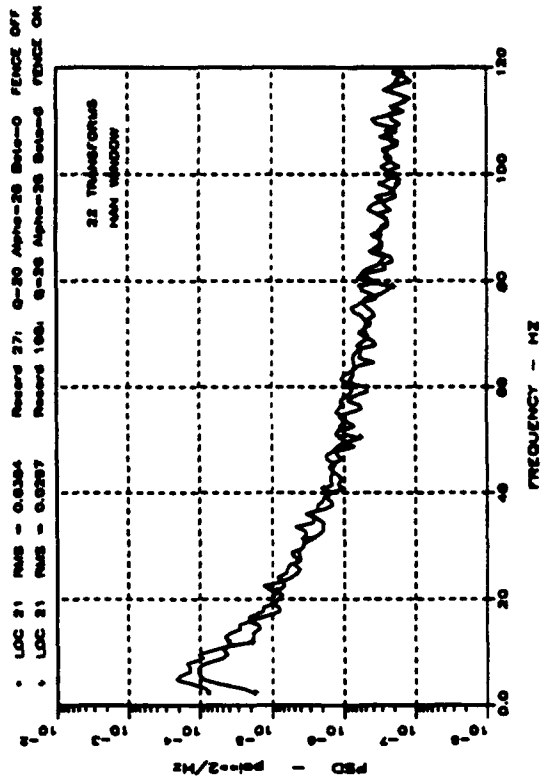
# F-16 Tail Buffet Test

LOC 22 RMS = 0.0462 Record 27: Q=20 Alpha=20 Beta=0 FENCE OFF  
 LOC 22 RMS = 0.0336 Record 108: Q=20 Alpha=20 Beta=0 FENCE ON



# F-16 Tail Buffet Test

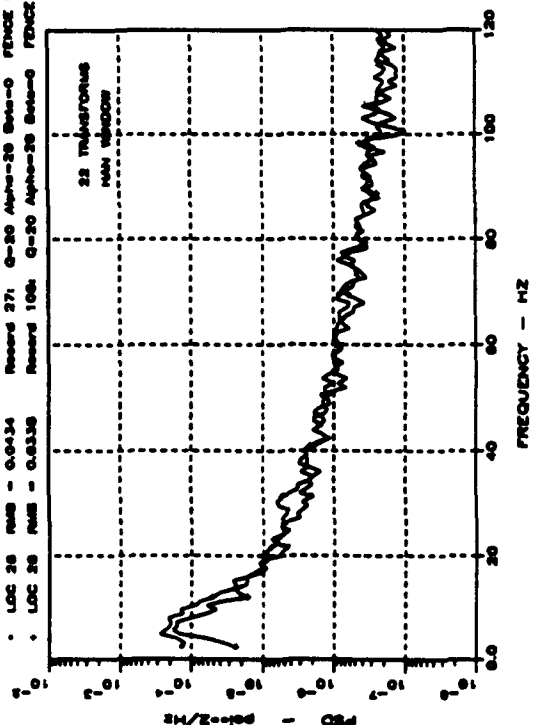
LOC 21 RMS = 0.0384 Record 27: Q=20 Alpha=20 Beta=0 FENCE OFF  
 LOC 21 RMS = 0.0297 Record 108: Q=20 Alpha=20 Beta=0 FENCE ON





# F-16 Tail Buffet Test

• LOC 26 RMS = 0.0434 Record 27: Q=20 Alpha=20 Beta=0 FENCE OFF  
 • LOC 26 RMS = 0.0336 Record 100: Q=20 Alpha=20 Beta=0 FENCE ON

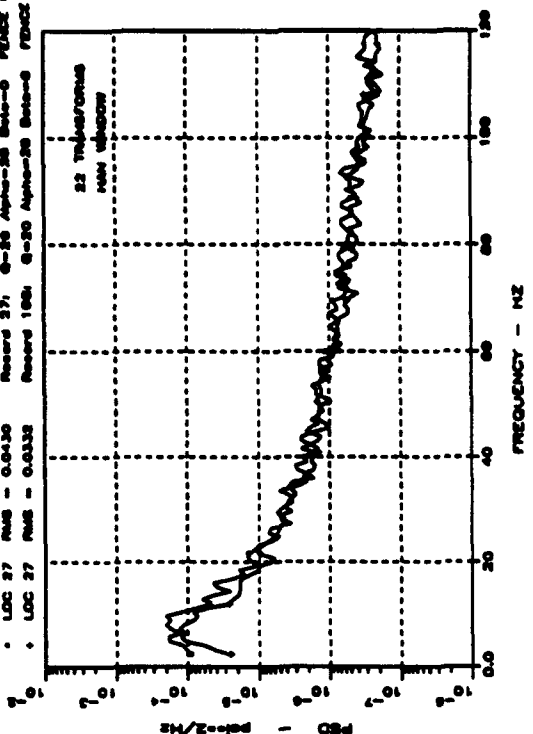


FREQUENCY - HZ

DELTA F = 0.700

# F-16 Tail Buffet Test

• LOC 27 RMS = 0.0430 Record 27: Q=20 Alpha=20 Beta=0 FENCE OFF  
 • LOC 27 RMS = 0.0332 Record 100: Q=20 Alpha=20 Beta=0 FENCE ON

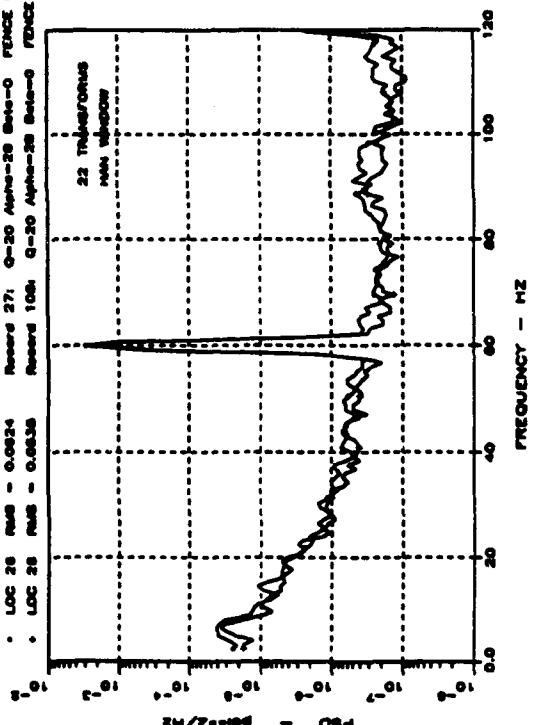


FREQUENCY - HZ

DELTA F = 0.700

# F-16 Tail Buffet Test

• LOC 26 RMS = 0.0434 Record 27: Q=20 Alpha=20 Beta=0 FENCE OFF  
 • LOC 26 RMS = 0.0336 Record 100: Q=20 Alpha=20 Beta=0 FENCE ON

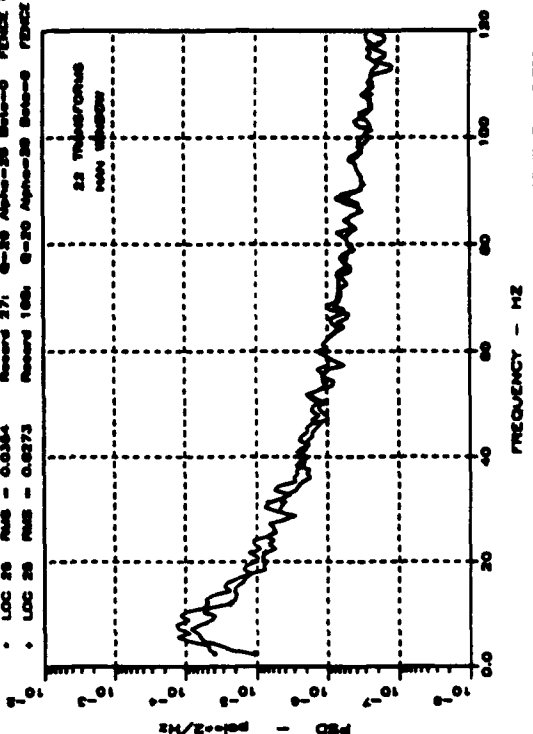


FREQUENCY - HZ

DELTA F = 0.700

# F-16 Tail Buffet Test

• LOC 26 RMS = 0.0304 Record 27: Q=20 Alpha=20 Beta=0 FENCE OFF  
 • LOC 26 RMS = 0.0273 Record 100: Q=20 Alpha=20 Beta=0 FENCE ON

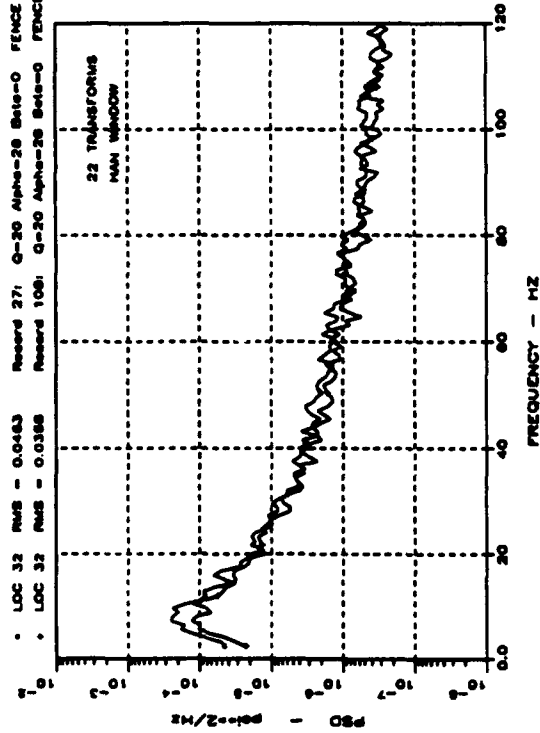


FREQUENCY - HZ

DELTA F = 0.700

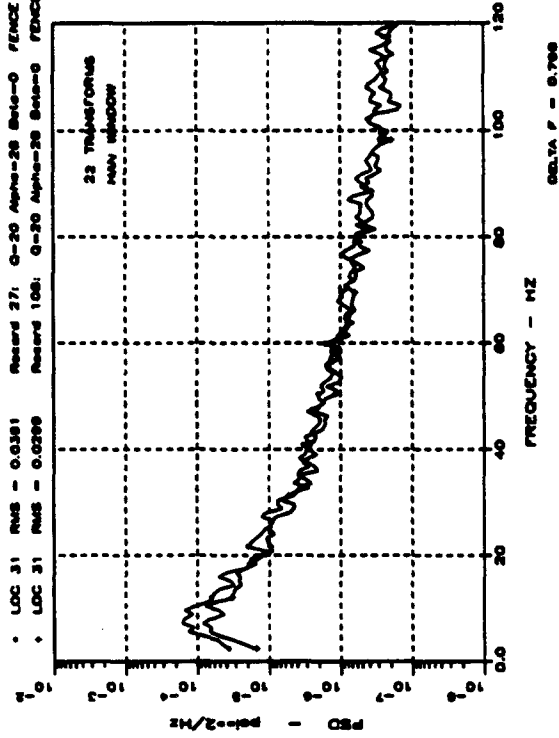
# F-18 Tail Buffet Test

LOC 32 RMS = 0.0463 Record 27: Q-20 Alpha-28 Beta-0 FENCE OFF  
LOC 32 RMS = 0.0386 Record 108: Q-20 Alpha-28 Beta-0 FENCE ON



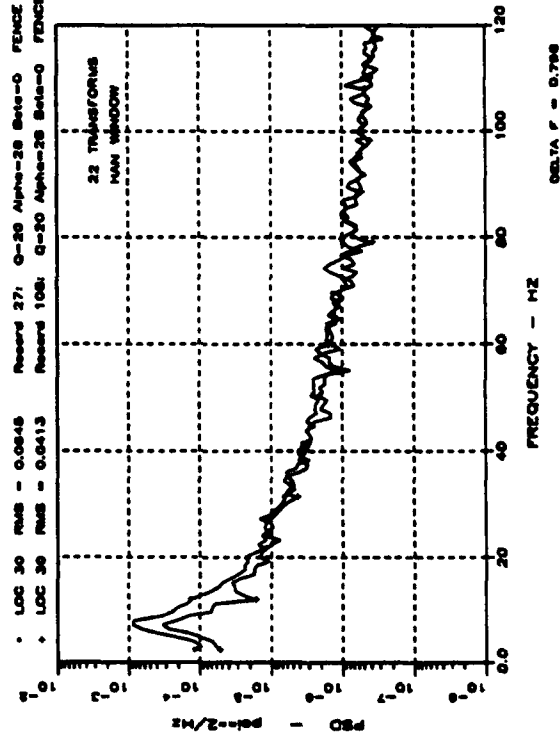
# F-18 Tail Buffet Test

LOC 31 RMS = 0.0391 Record 27: Q-20 Alpha-28 Beta-0 FENCE OFF  
LOC 31 RMS = 0.0299 Record 108: Q-20 Alpha-28 Beta-0 FENCE ON



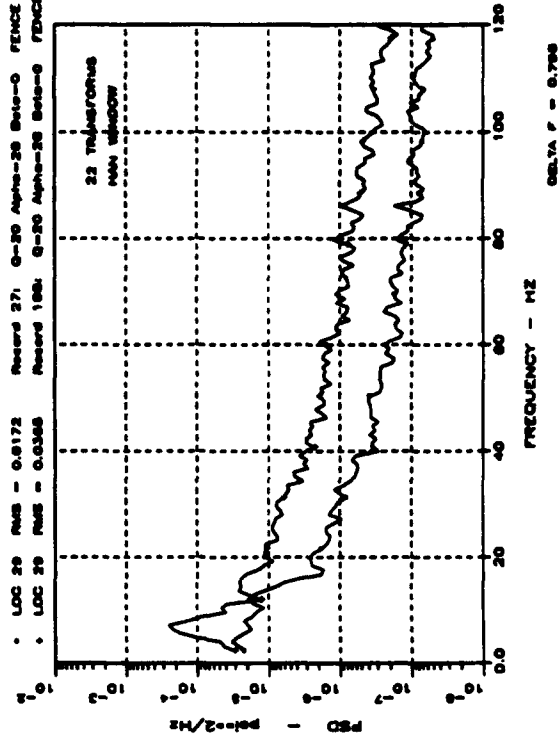
# F-18 Tail Buffet Test

LOC 30 RMS = 0.0645 Record 27: Q-20 Alpha-28 Beta-0 FENCE OFF  
LOC 30 RMS = 0.0413 Record 108: Q-20 Alpha-28 Beta-0 FENCE ON



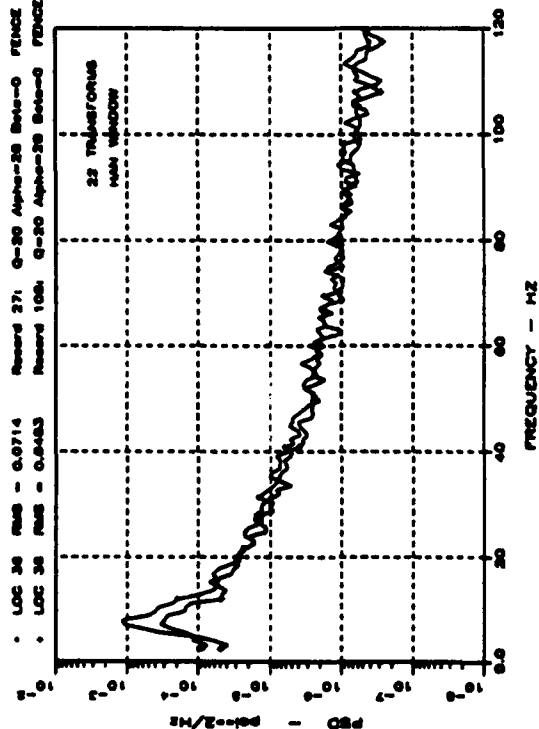
# F-18 Tail Buffet Test

LOC 29 RMS = 0.0172 Record 27: Q-20 Alpha-28 Beta-0 FENCE OFF  
LOC 29 RMS = 0.0365 Record 108: Q-20 Alpha-28 Beta-0 FENCE ON



# F-16 Tail Buffet Test

• LOC 34 RMS = 0.0714 Record 27: Q-20 Alpha-20 Beta-0 FENCE OFF  
 • LOC 34 RMS = 0.0483 Record 100: Q-20 Alpha-20 Beta-0 FENCE ON

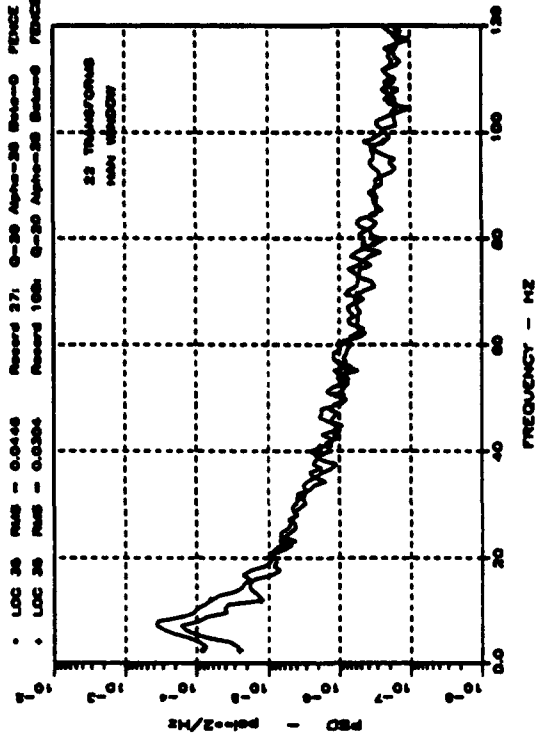


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 36 RMS = 0.0448 Record 27: Q-20 Alpha-20 Beta-0 FENCE OFF  
 • LOC 36 RMS = 0.0304 Record 100: Q-20 Alpha-20 Beta-0 FENCE ON

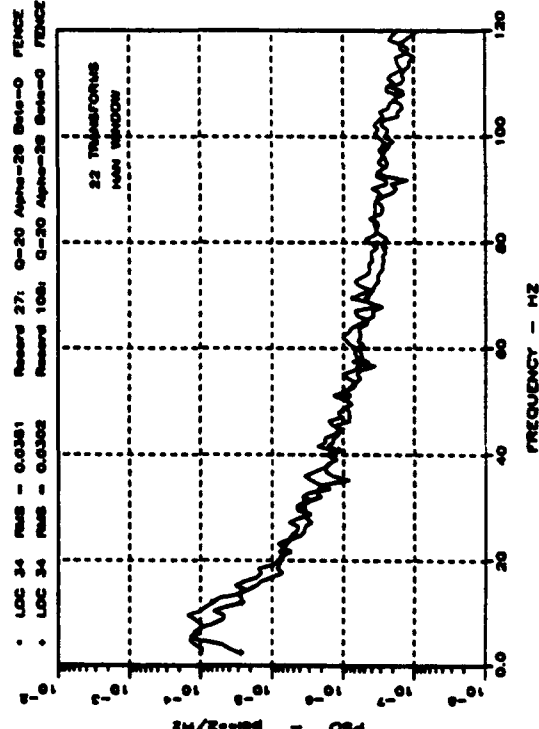


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 34 RMS = 0.0381 Record 27: Q-20 Alpha-20 Beta-0 FENCE OFF  
 • LOC 34 RMS = 0.0302 Record 100: Q-20 Alpha-20 Beta-0 FENCE ON

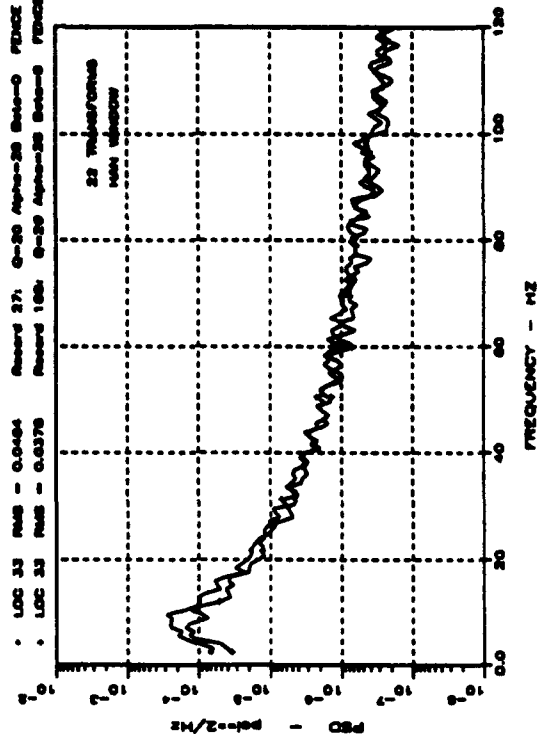


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 33 RMS = 0.0404 Record 27: Q-20 Alpha-20 Beta-0 FENCE OFF  
 • LOC 33 RMS = 0.0378 Record 100: Q-20 Alpha-20 Beta-0 FENCE ON



FREQUENCY - HZ

DELTA F = 0.798



**Pressure Coefficient Differential  
Power Spectral Densities**

(Nondimensional form)

**Pressure Transducer Stations 1-36**

**Test Variable - Angle of Attack (AoA)**

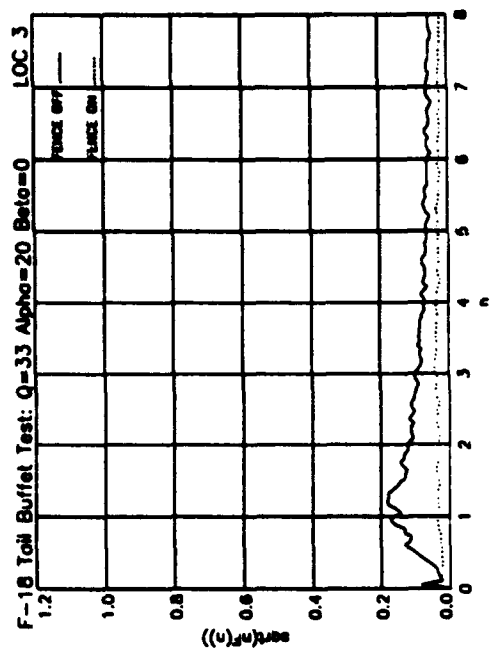
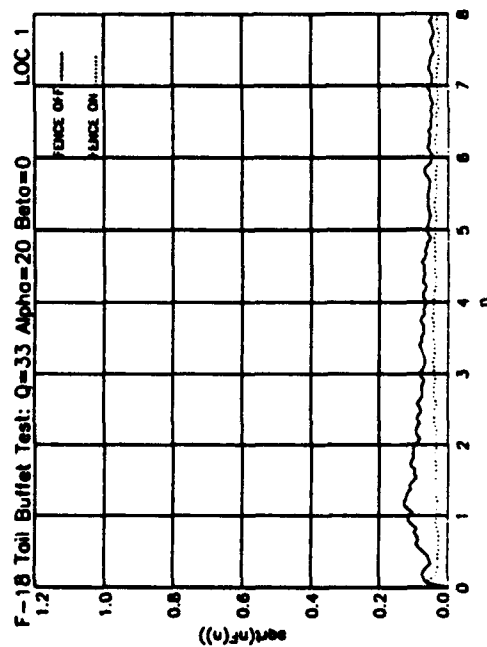
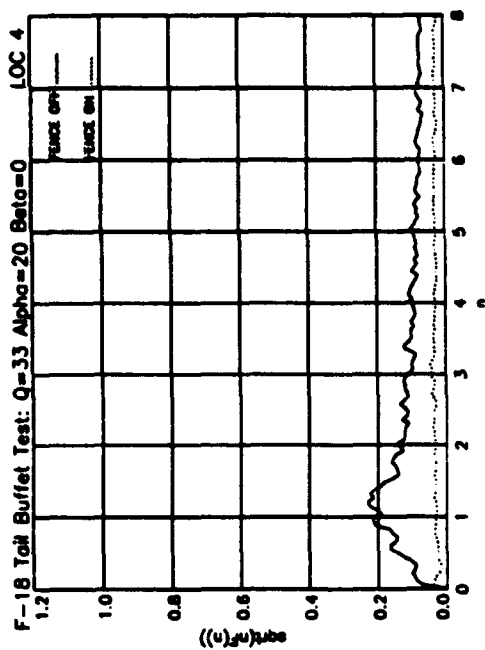
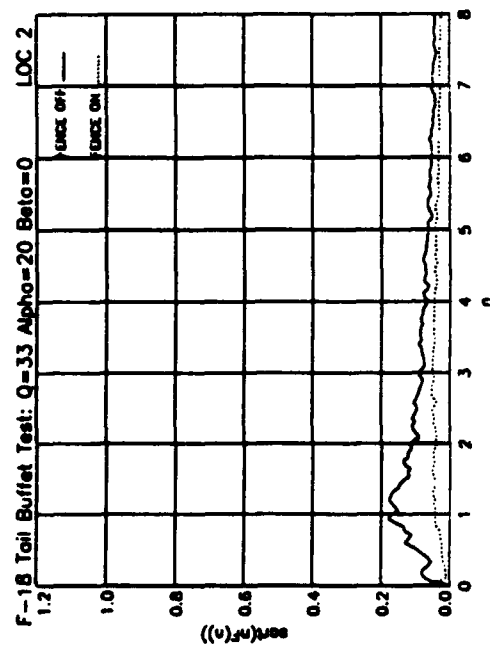
**AoA = 20, 24, 26, 28, 30, 32, 36, 40 degrees**

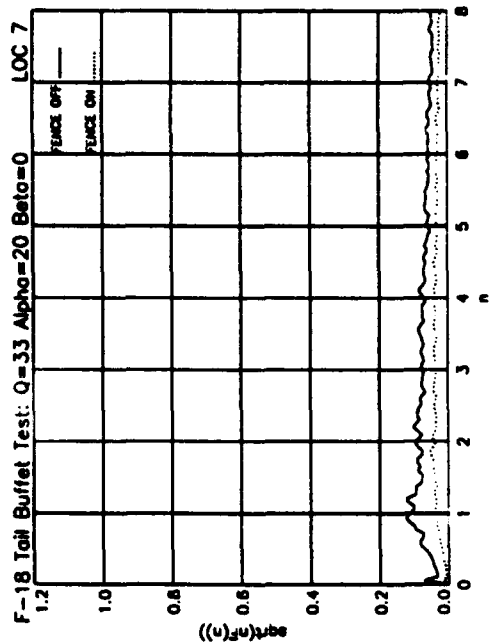
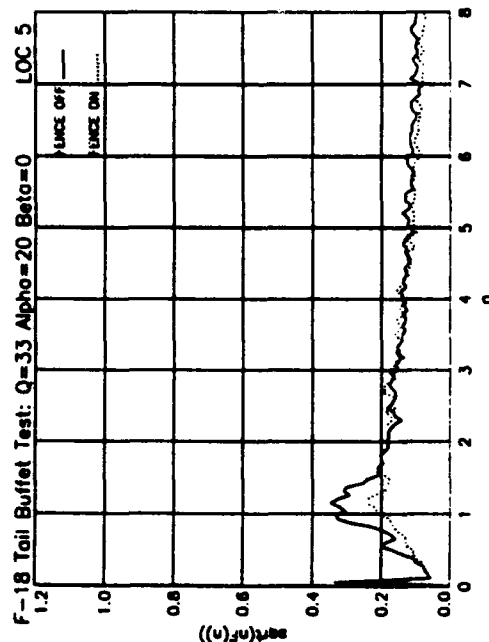
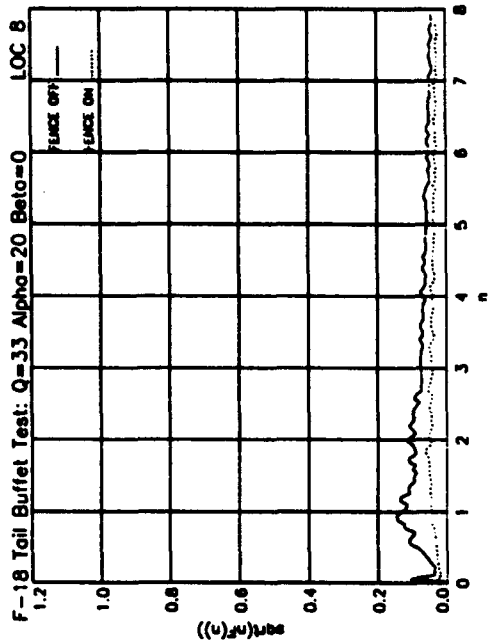
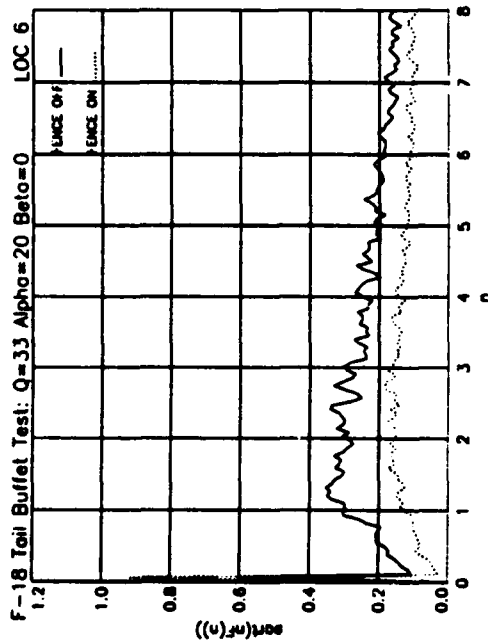
**Test Variable - Dynamic Pressure**

**q = 20 psf, 33 psf**

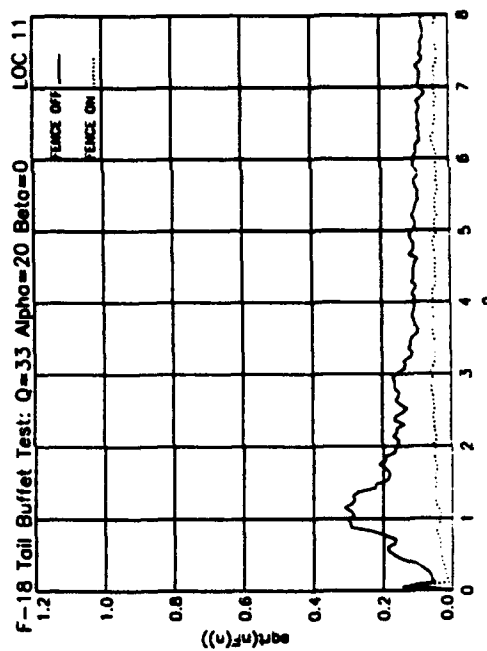
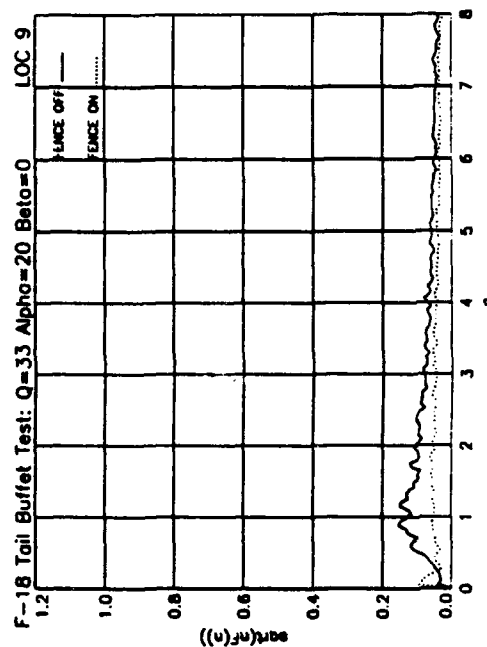
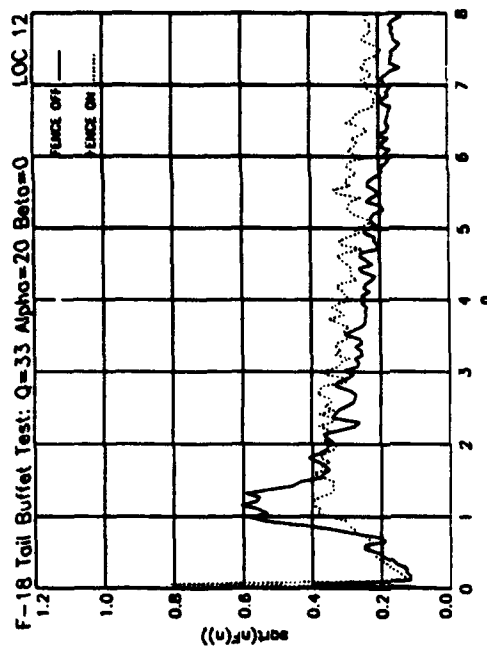
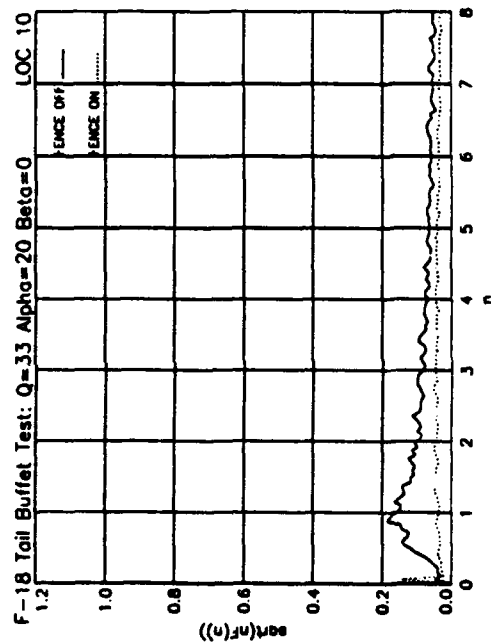
**LEX Fence Off and LEX Fence On**

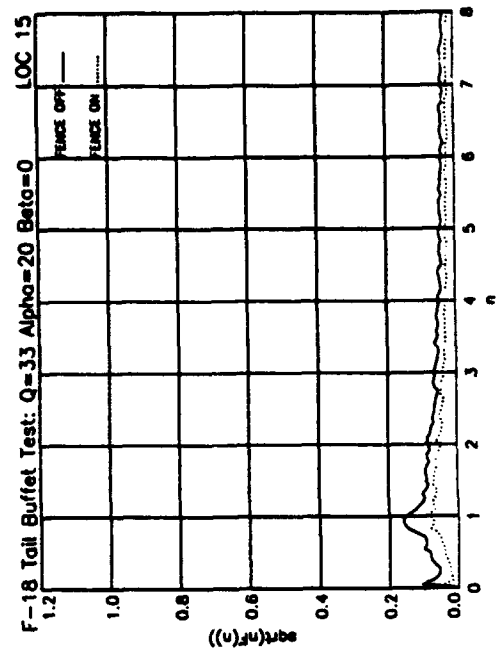
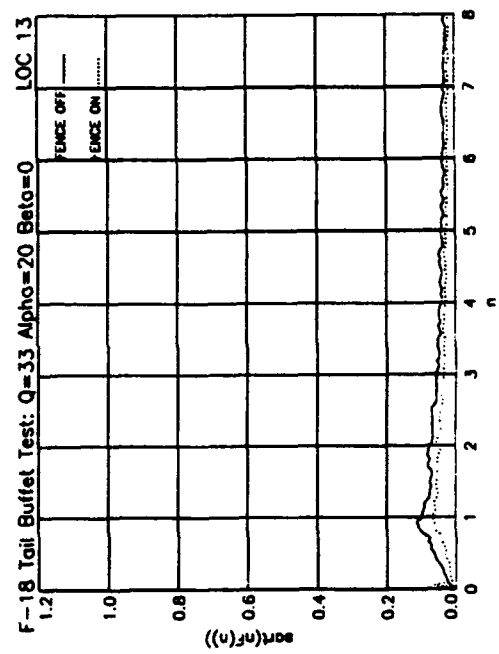
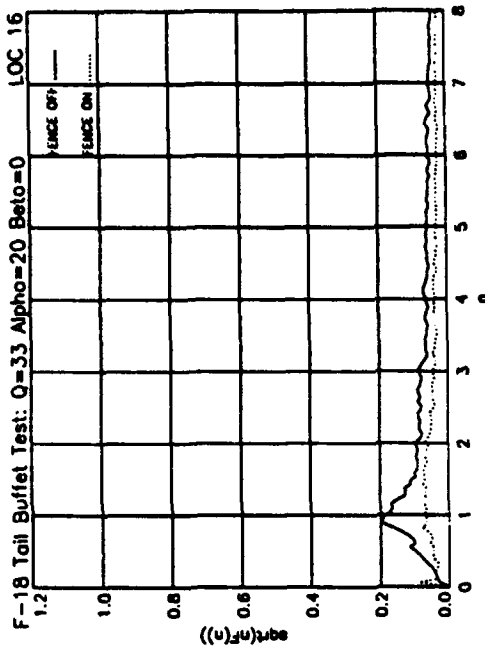
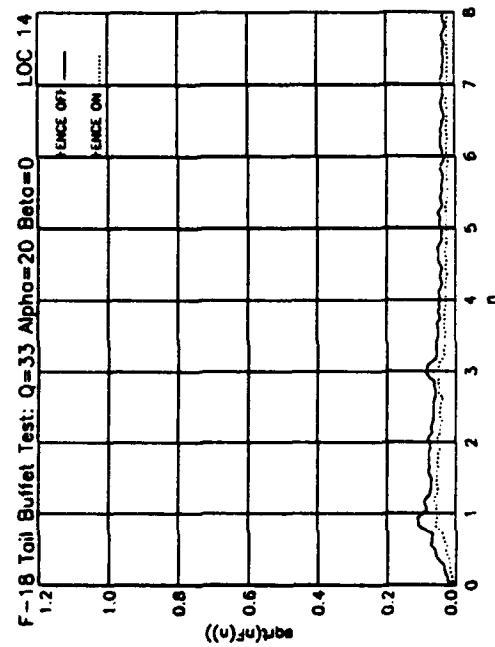


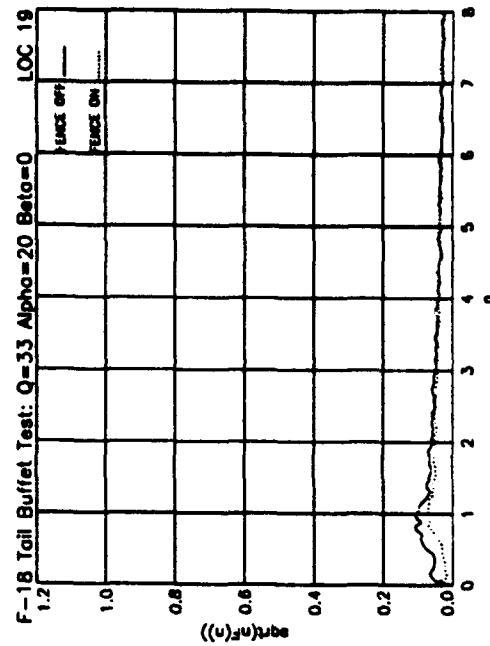
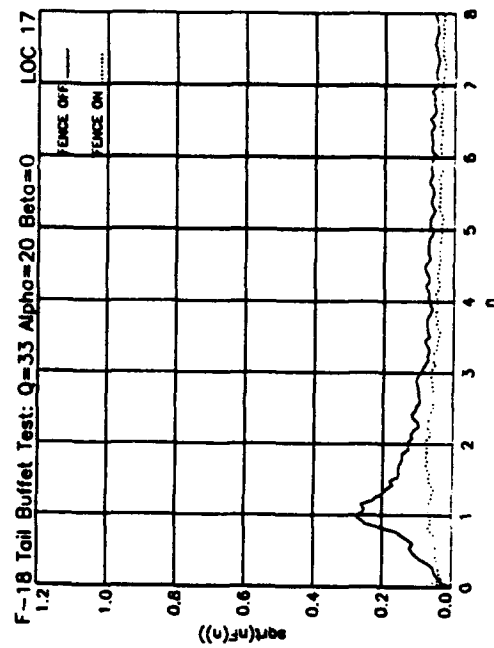
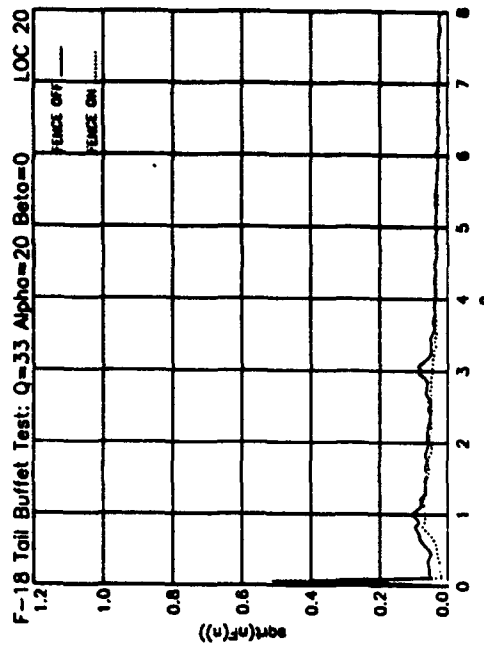
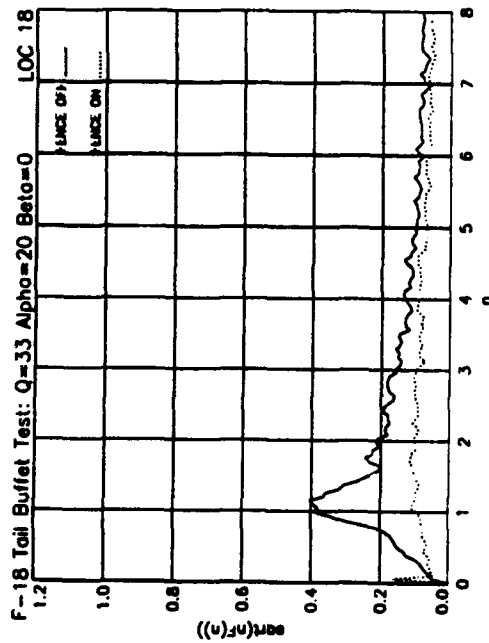


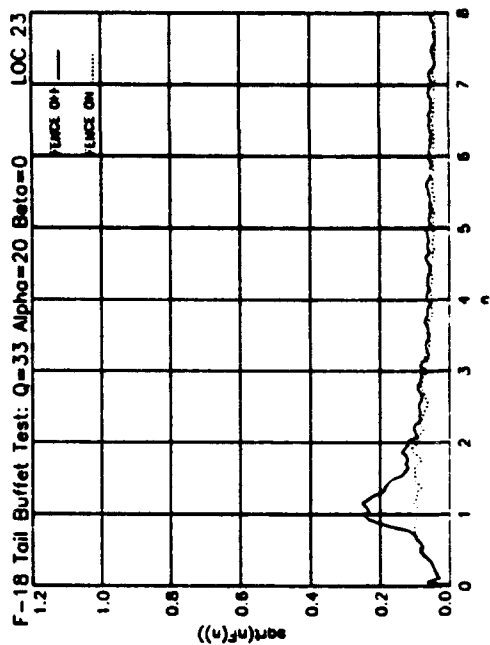
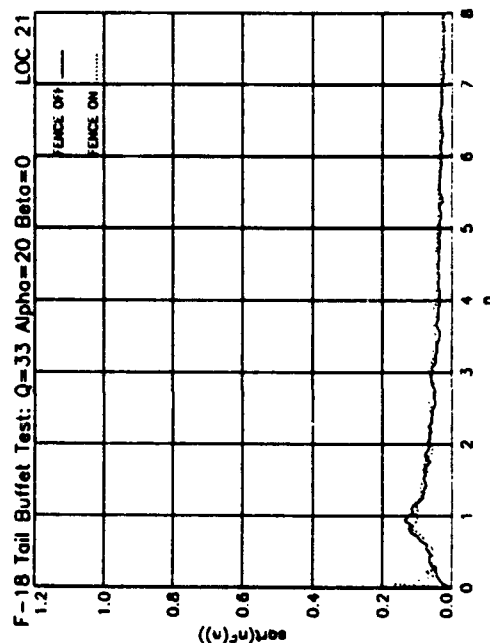
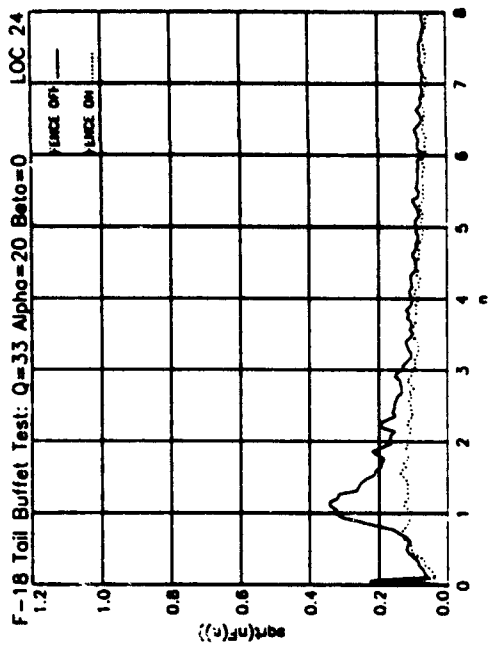
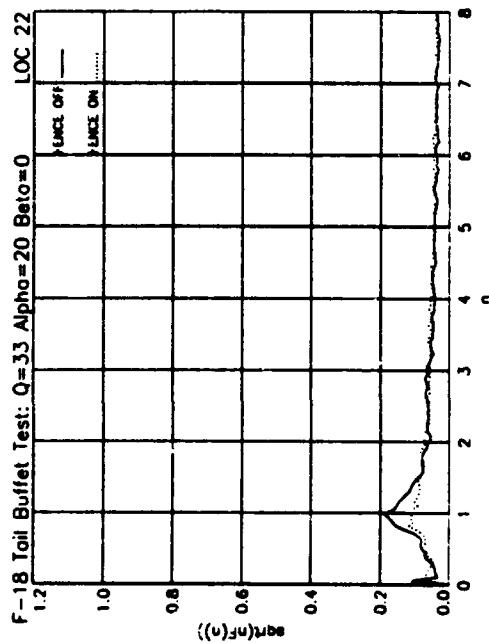


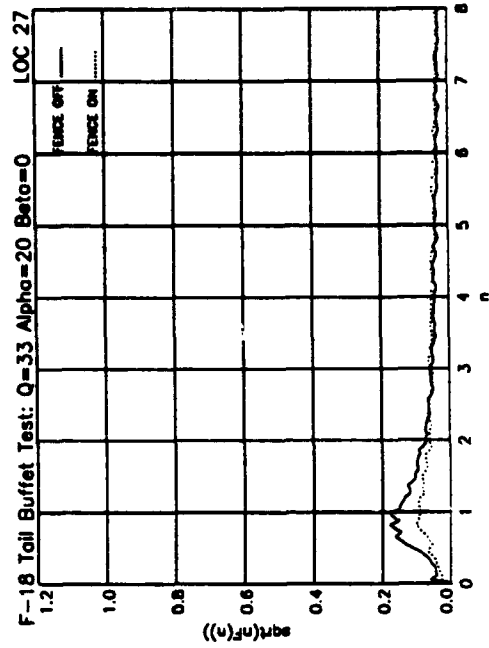
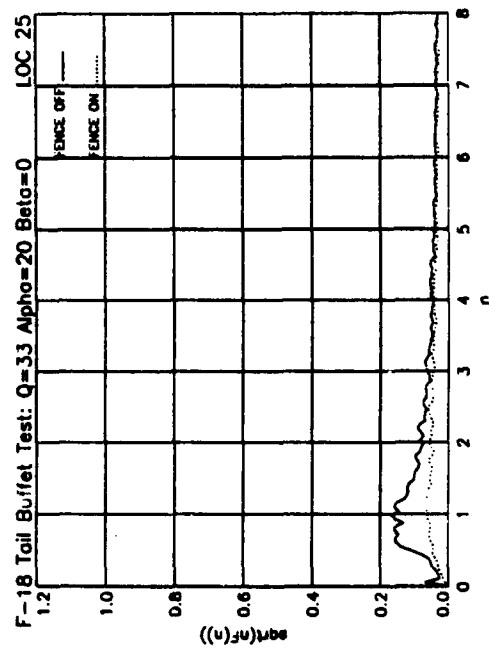
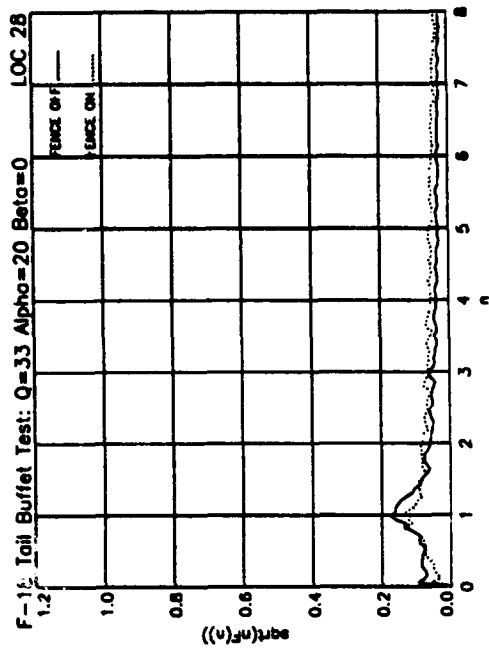
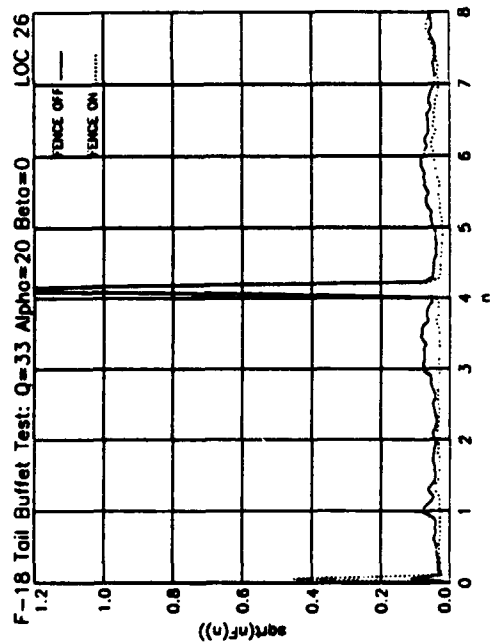


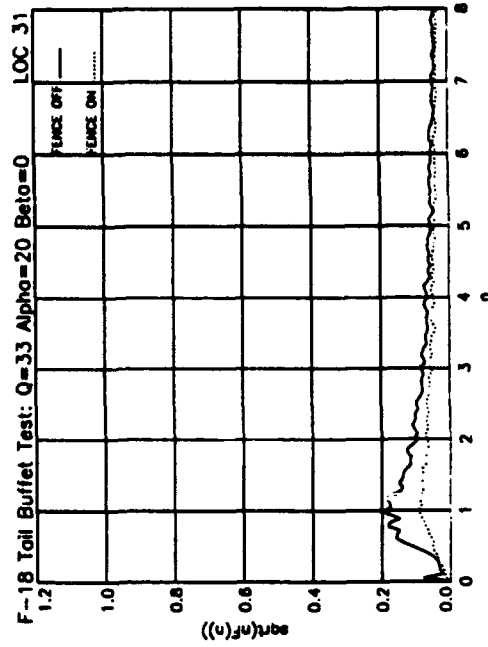
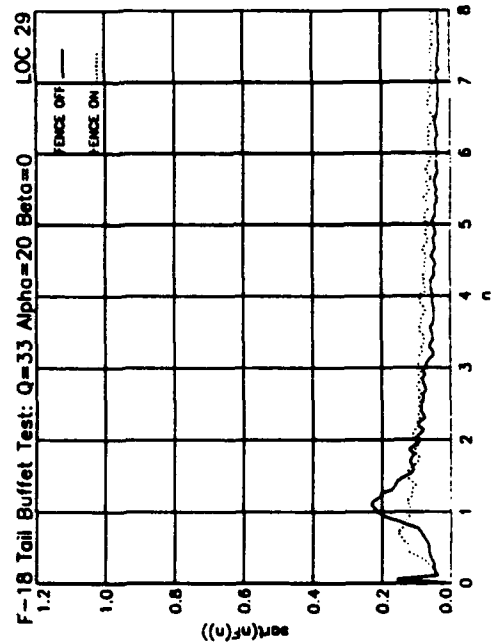
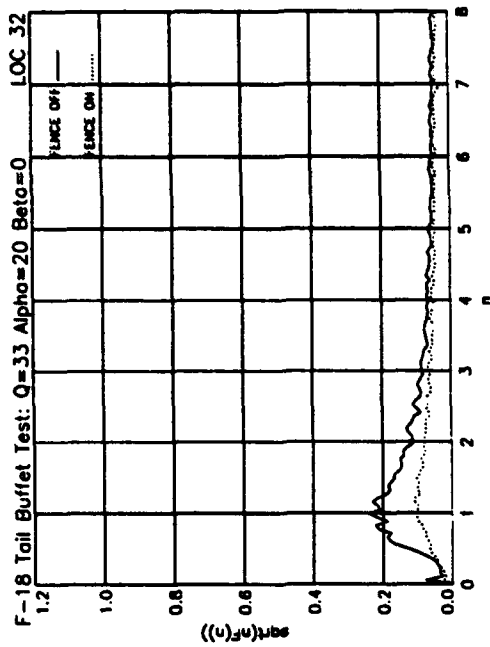
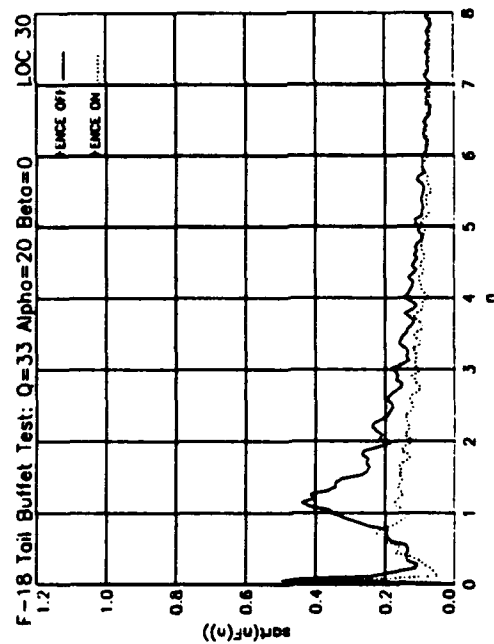


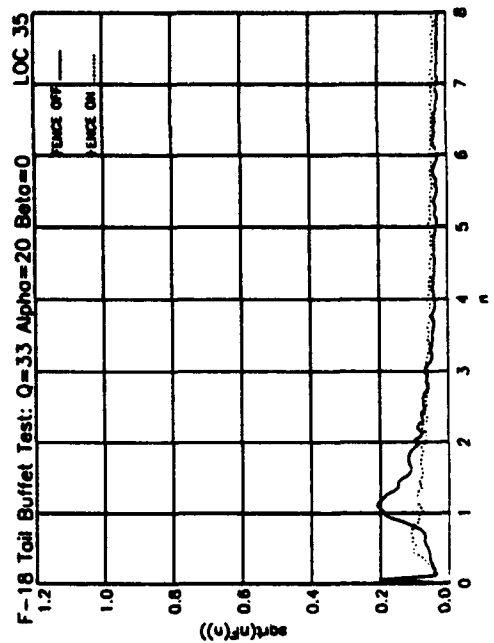
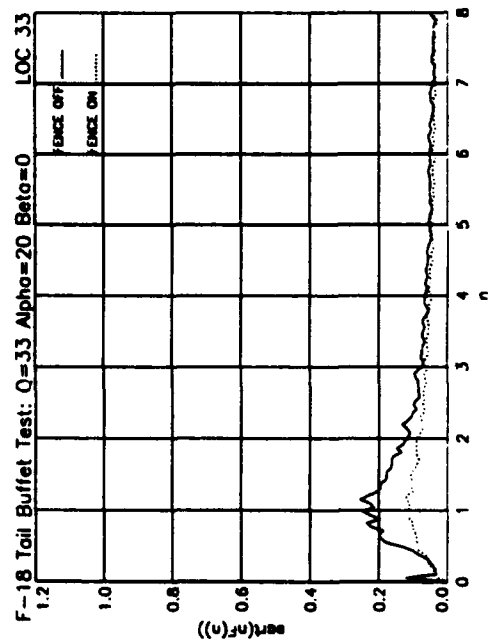
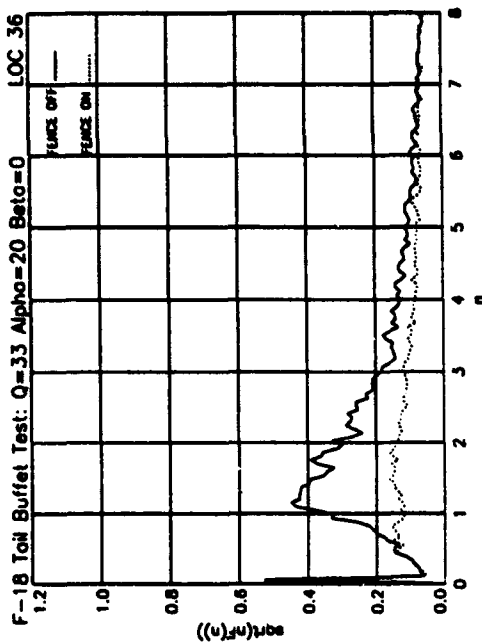
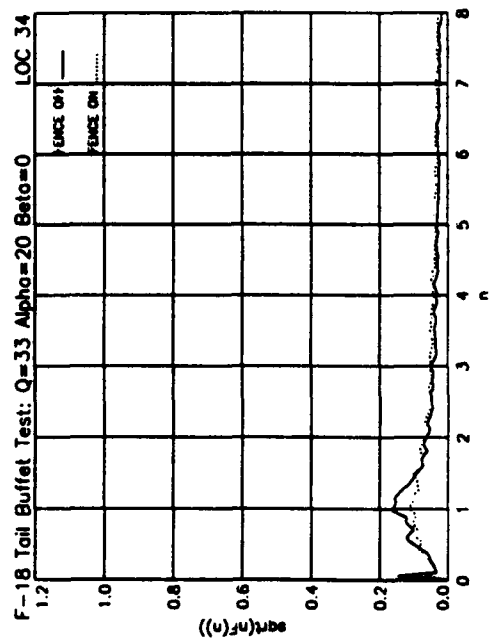






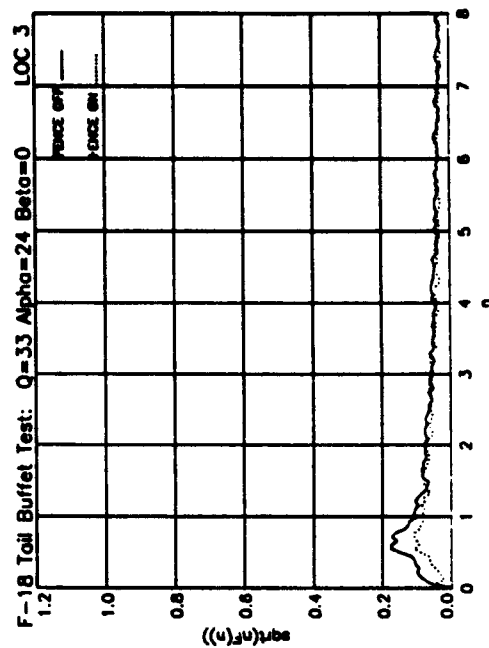
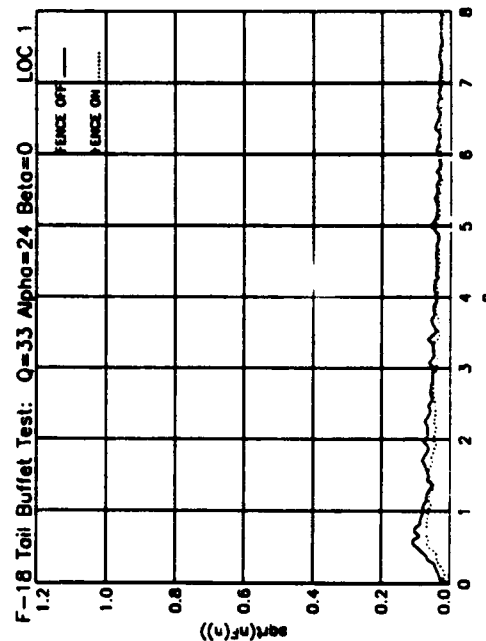
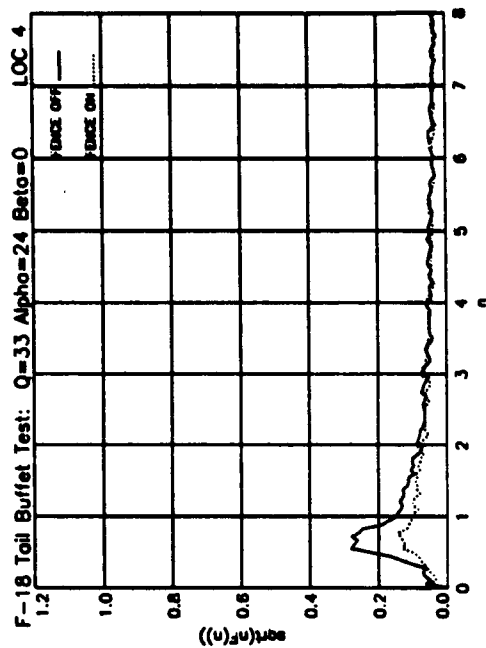
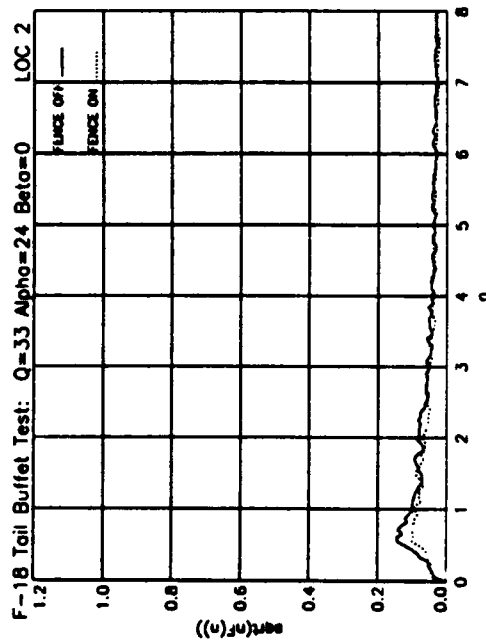


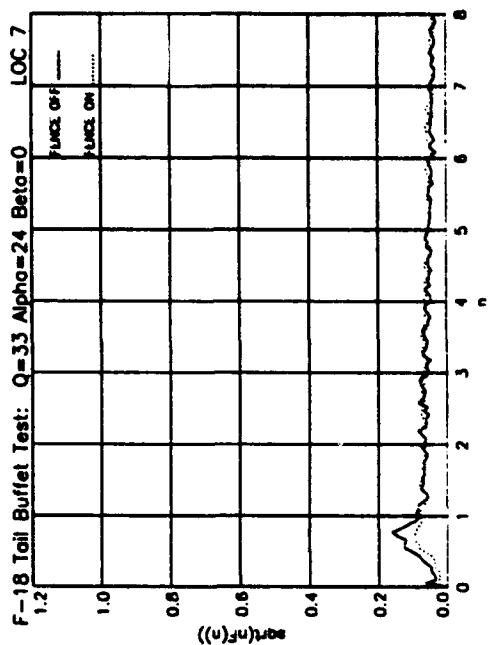
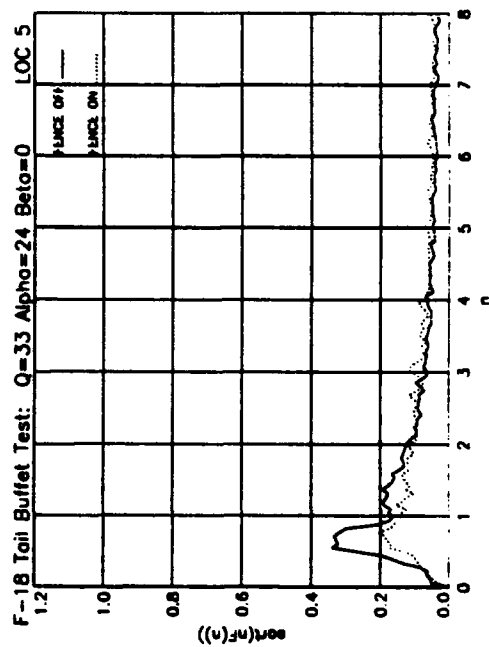
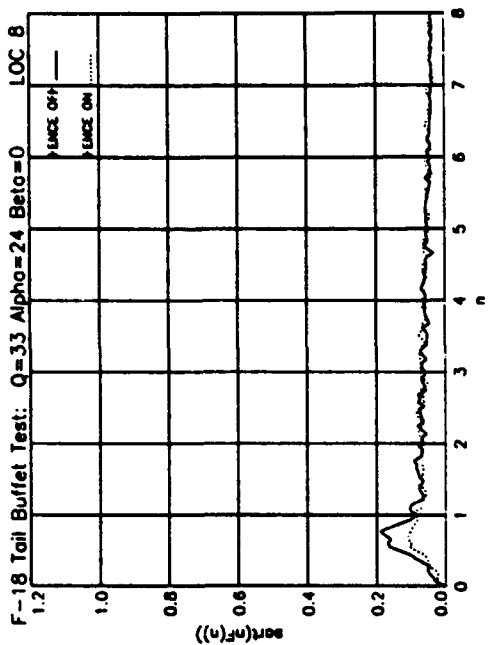
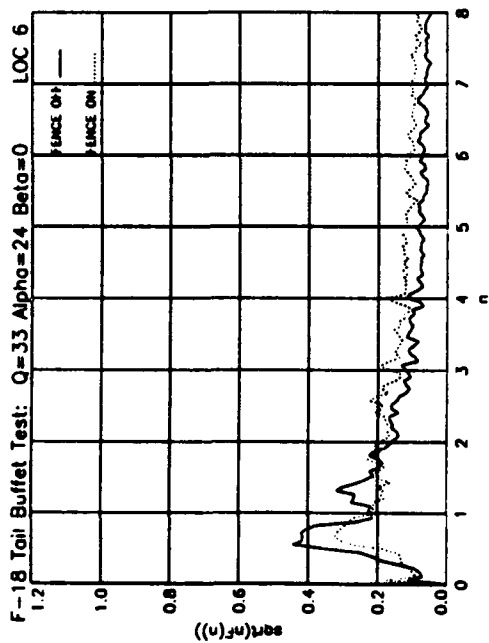


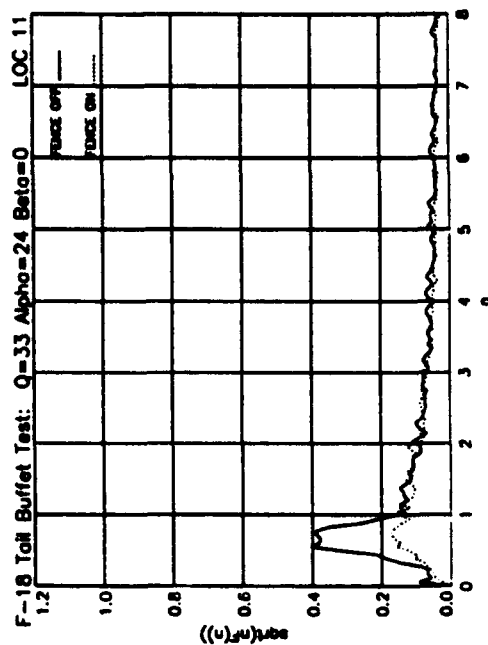
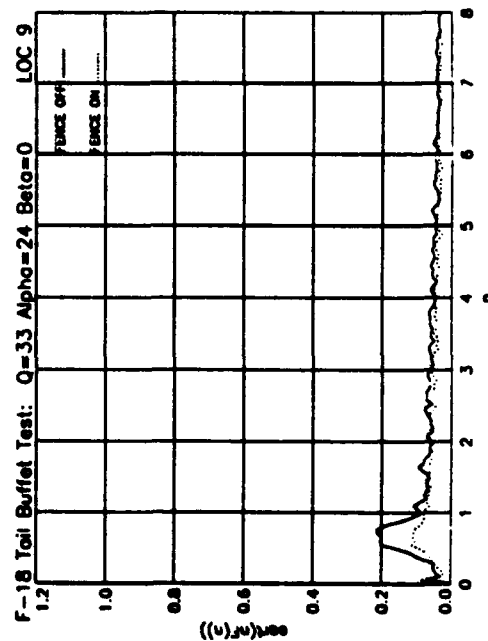
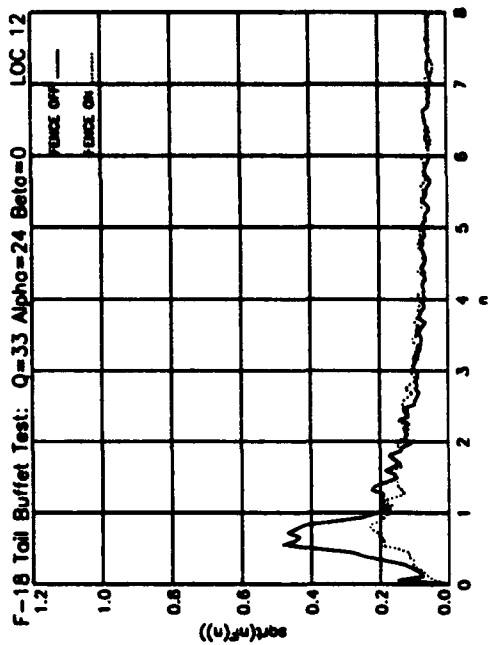
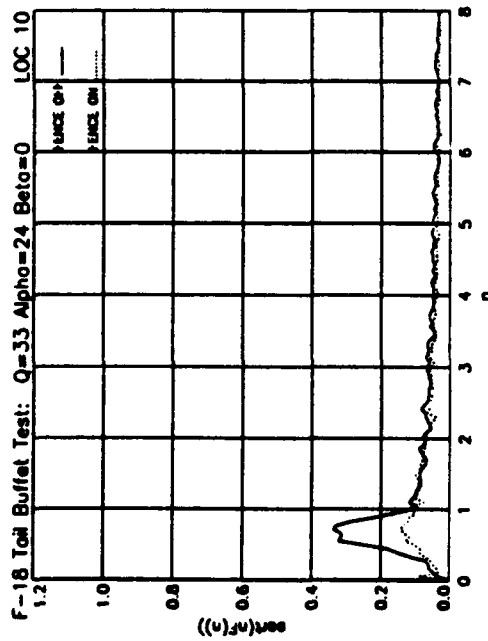


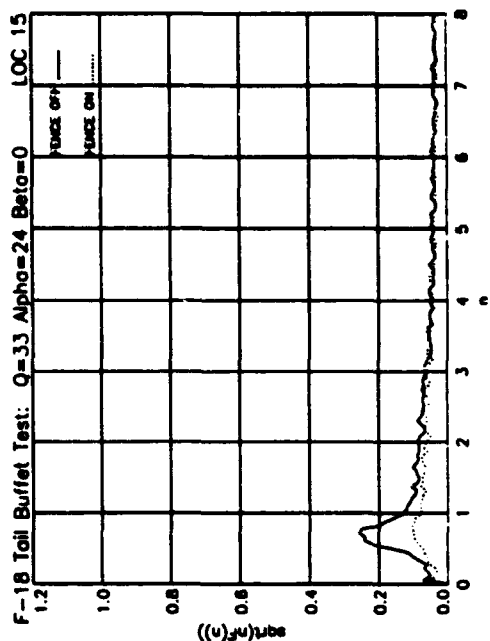
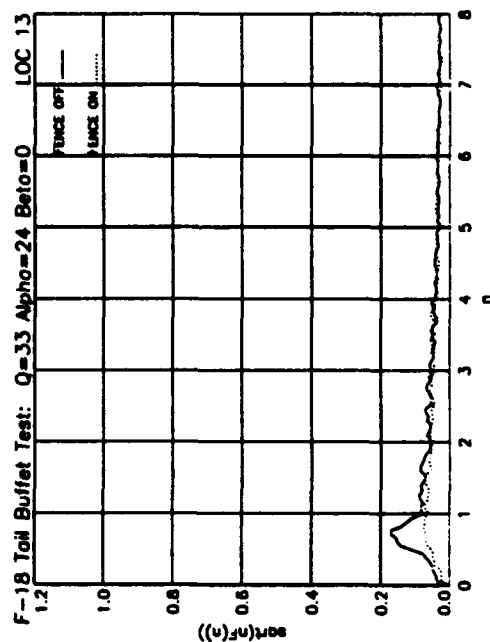
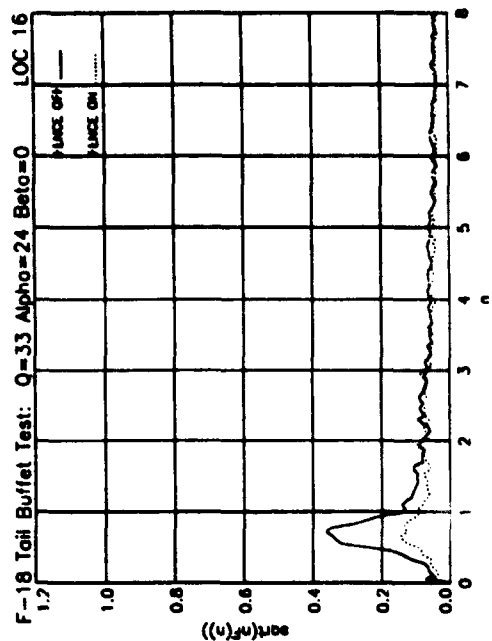
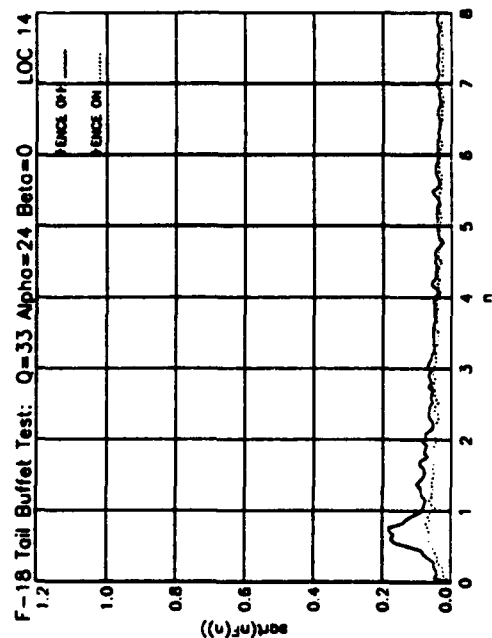


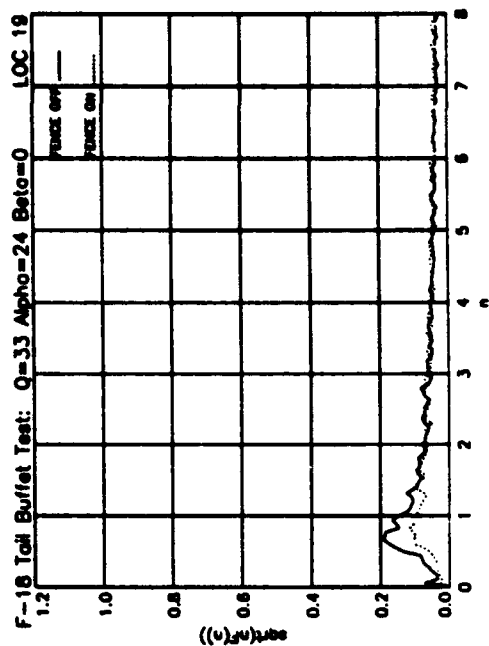
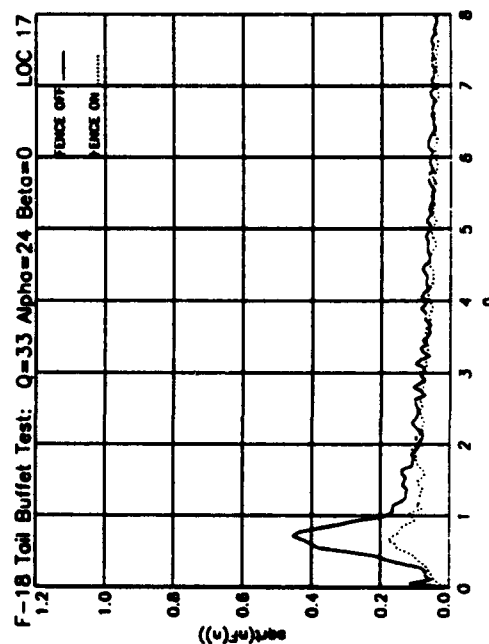
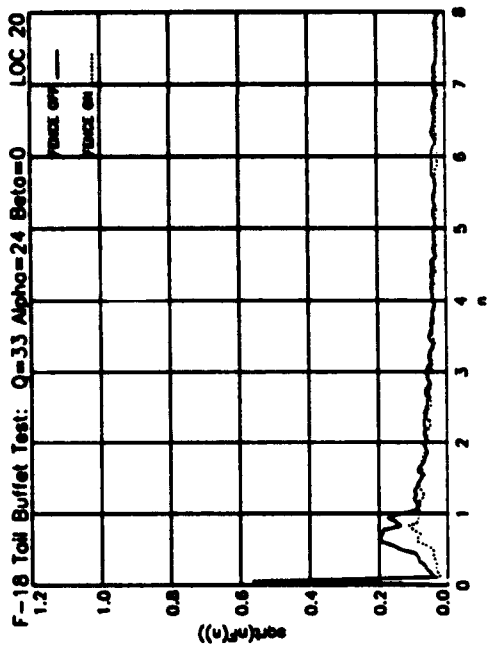
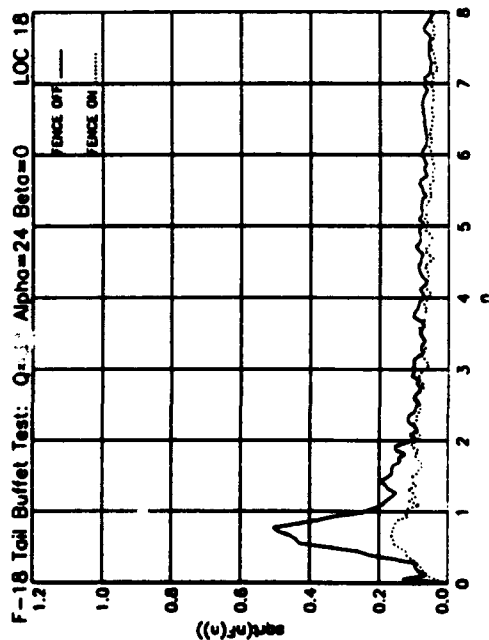


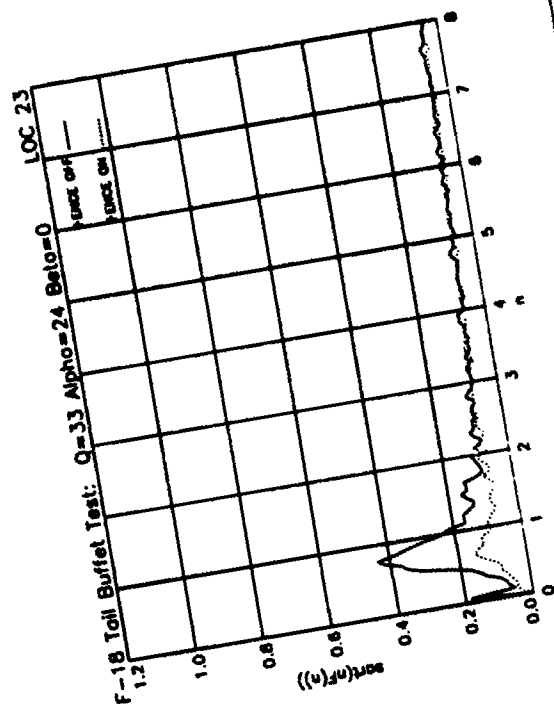
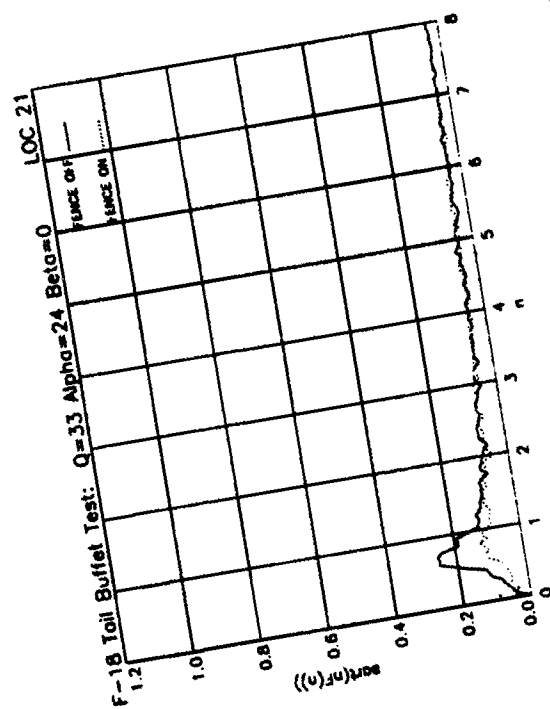
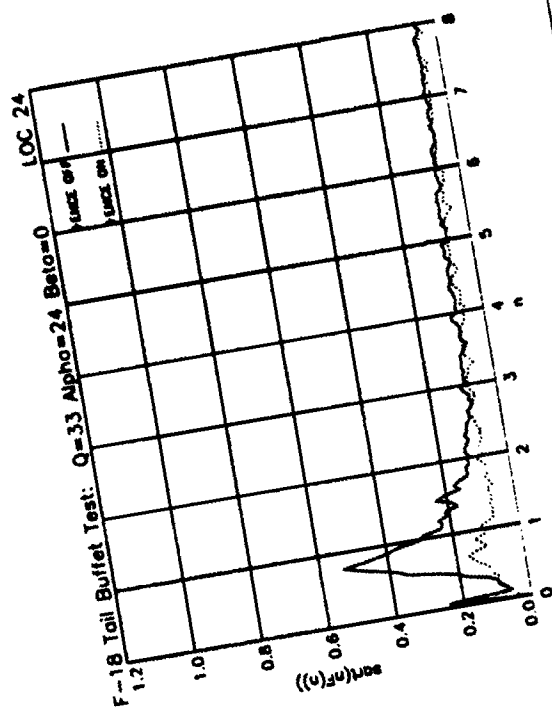
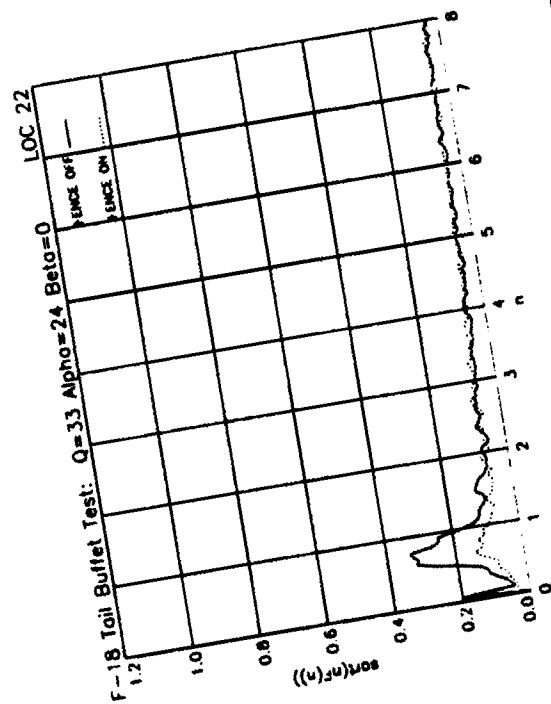


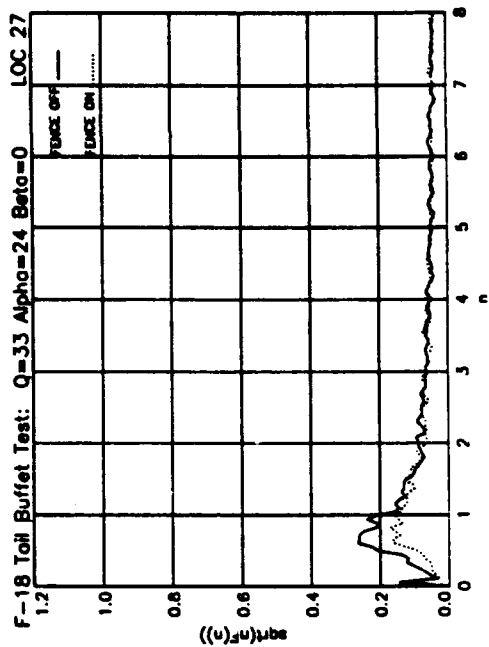
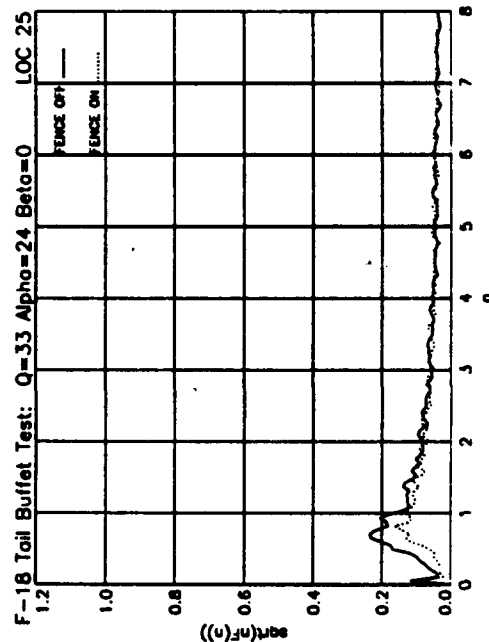
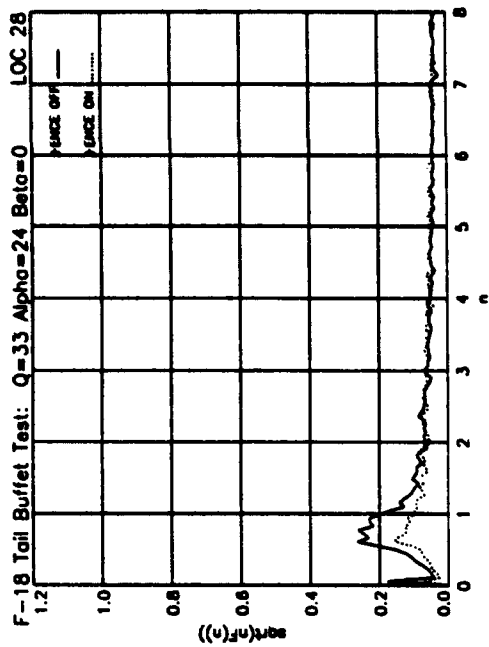
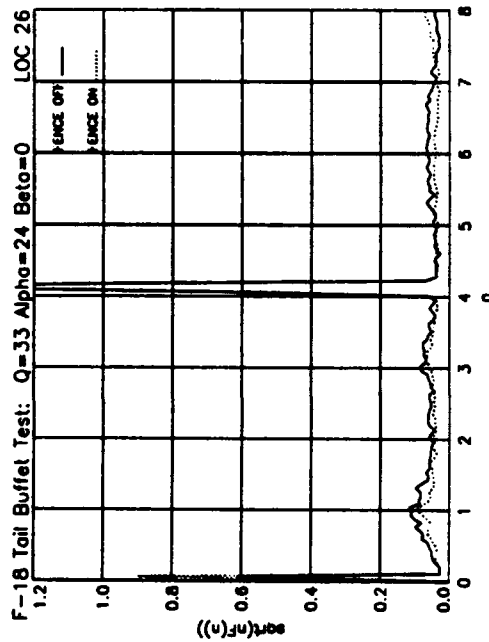


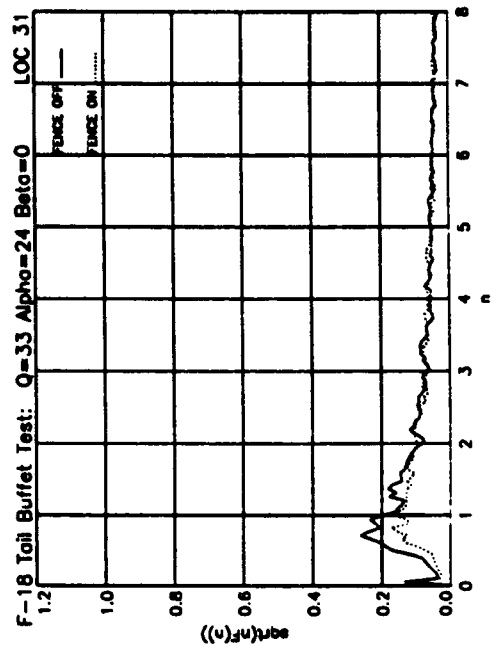
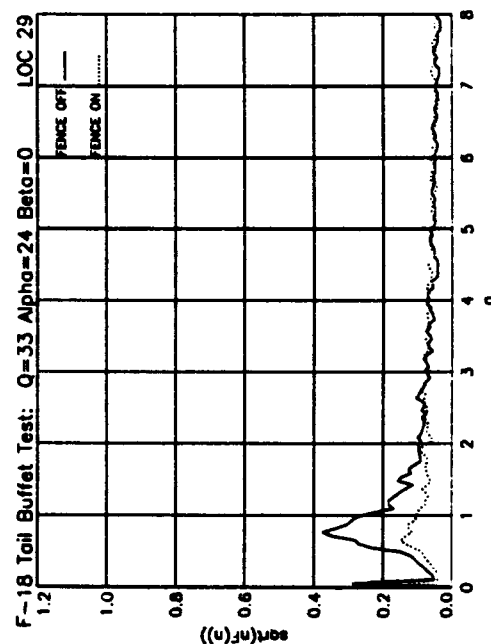
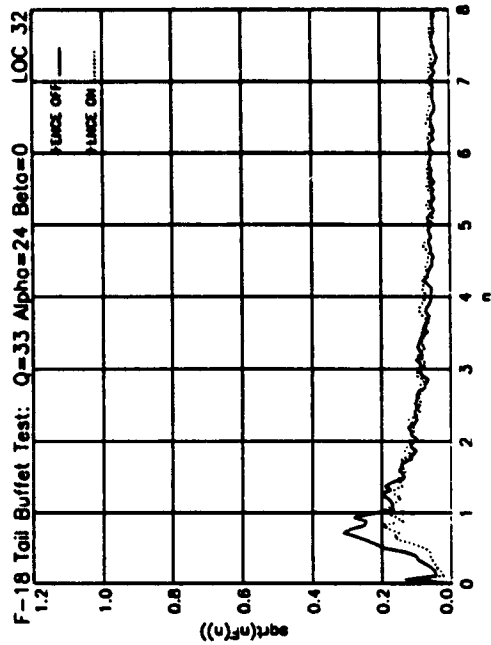
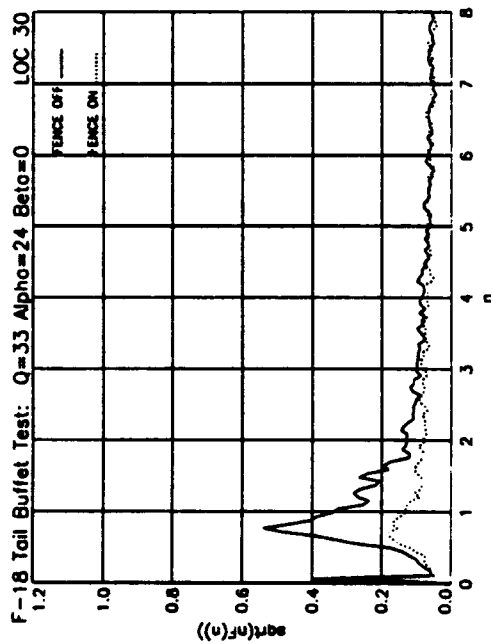




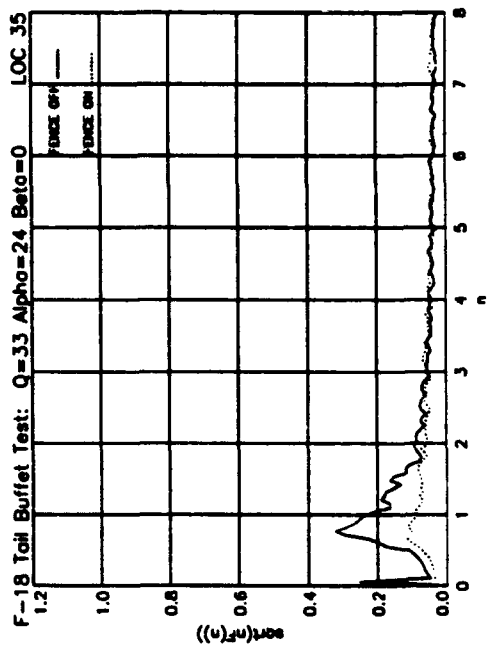
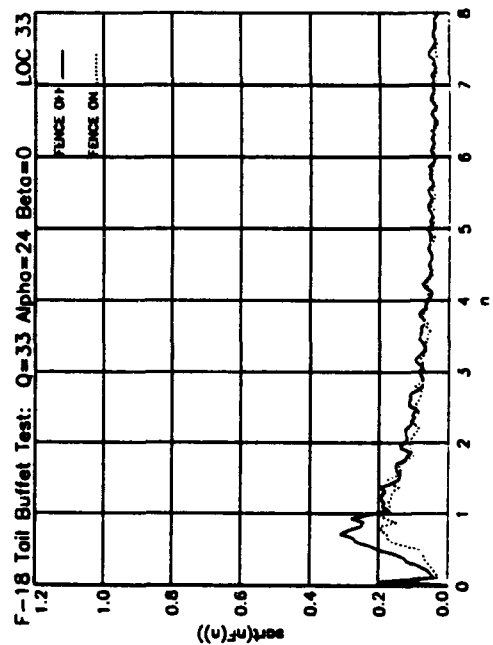
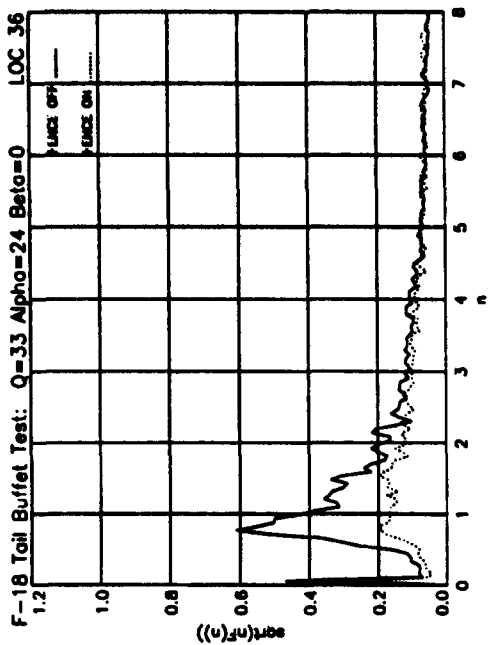
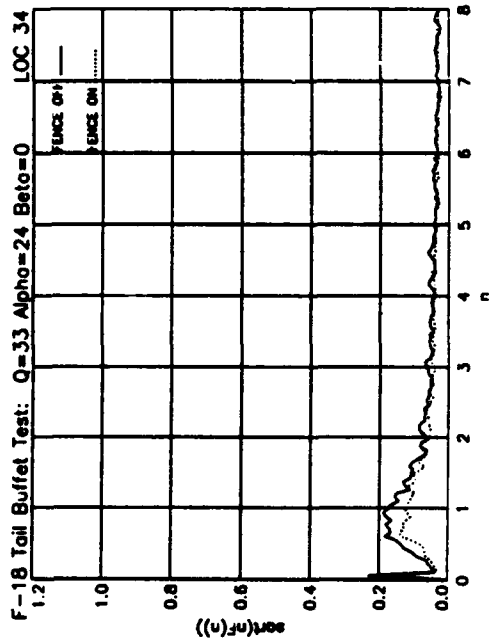




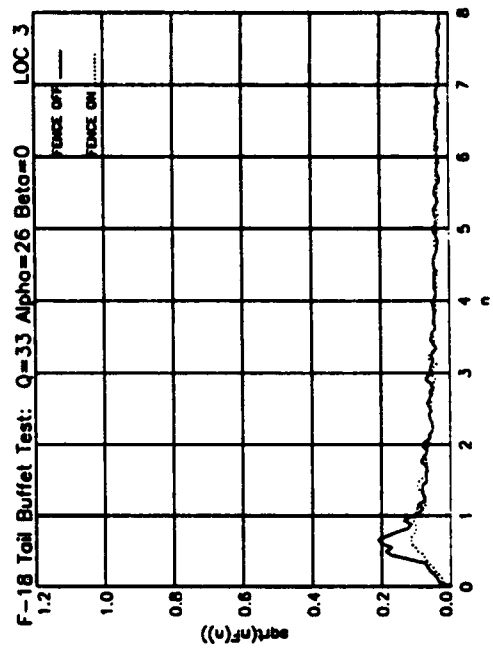
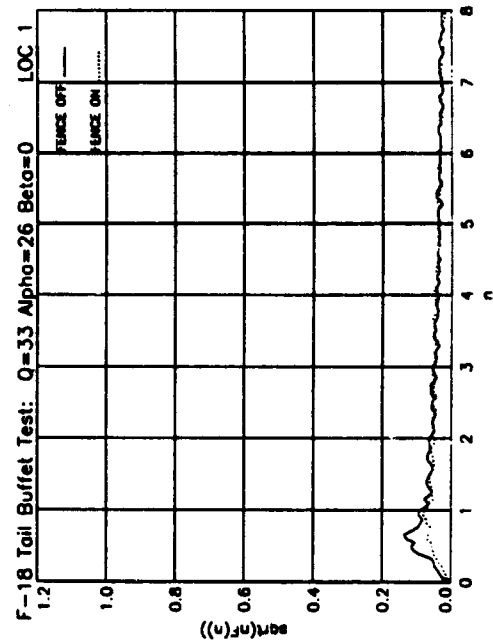
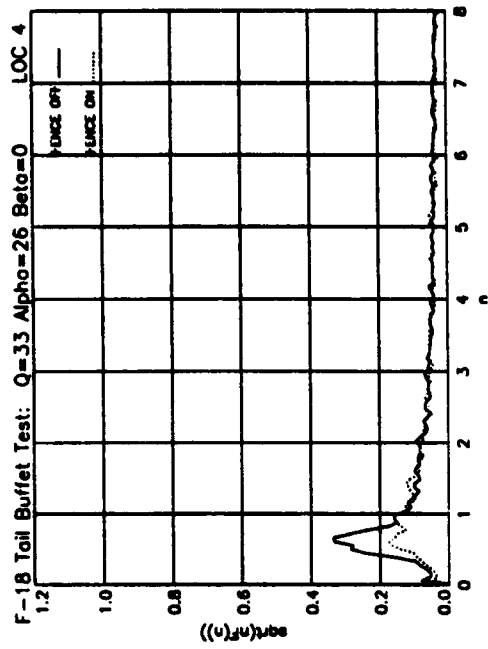
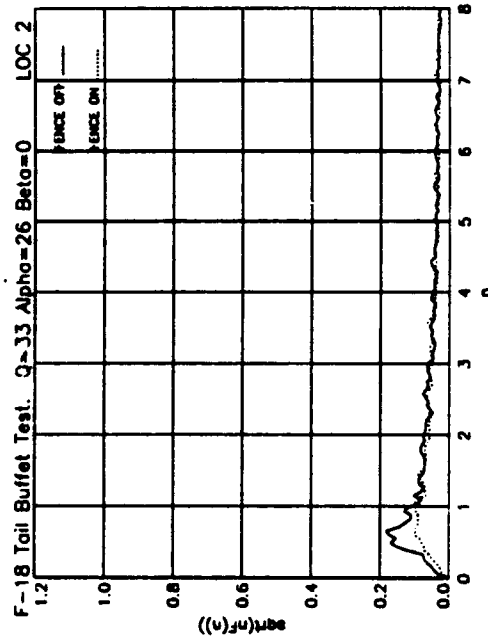


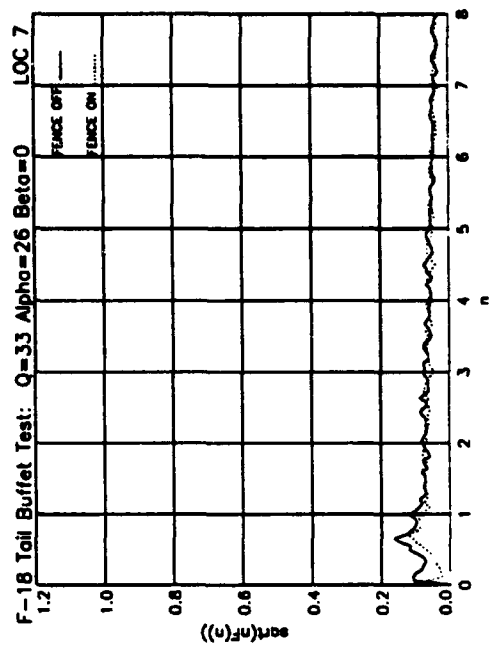
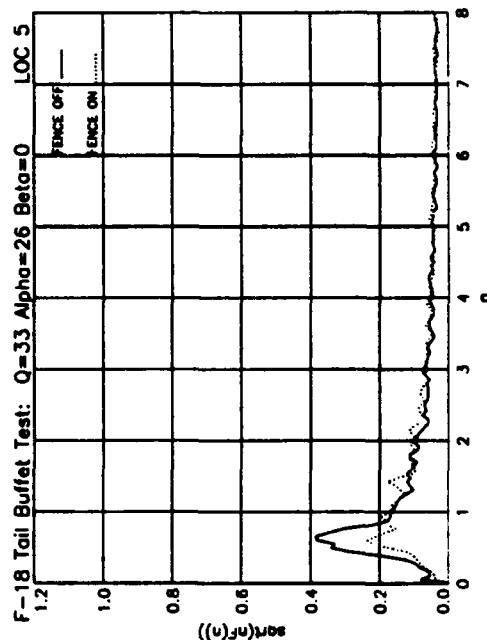
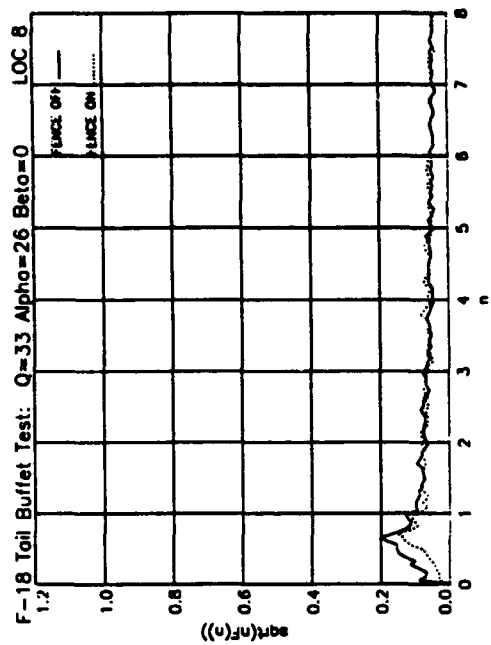
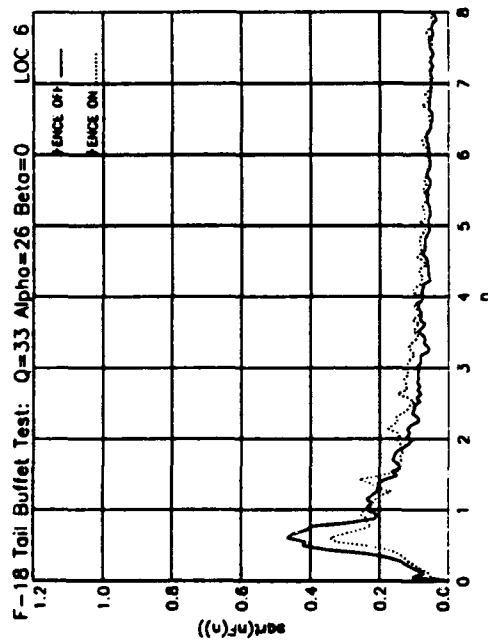


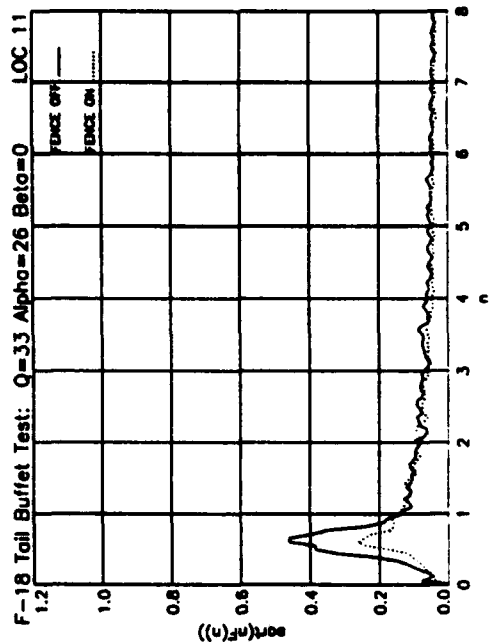
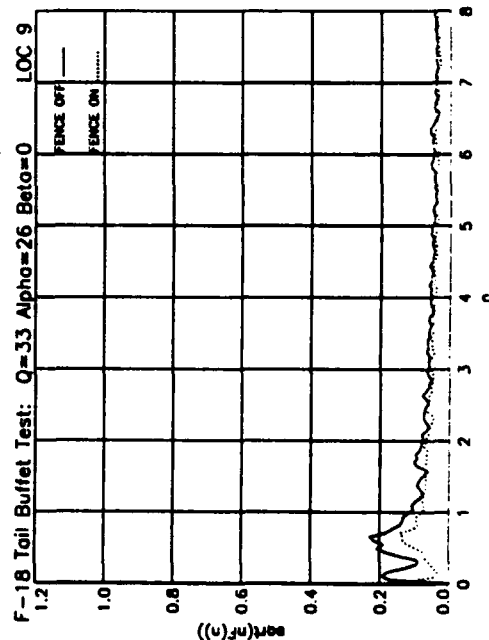
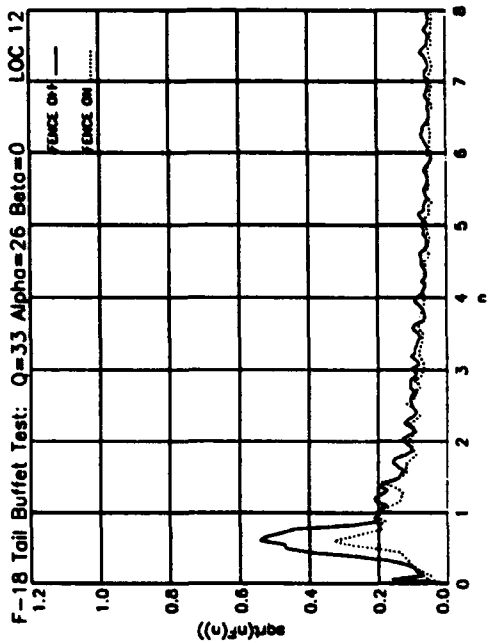
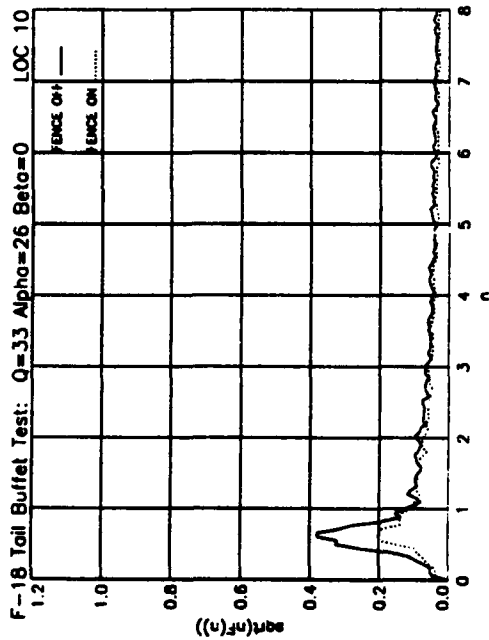


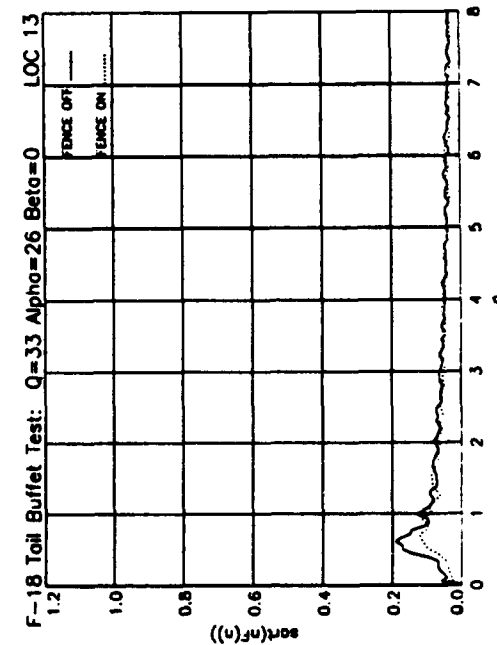
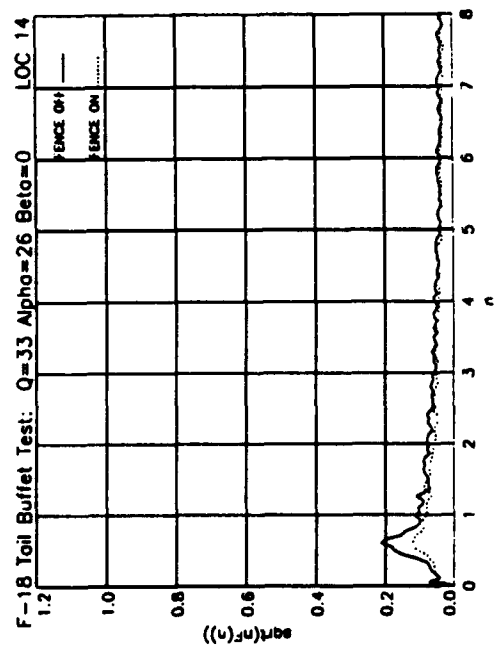
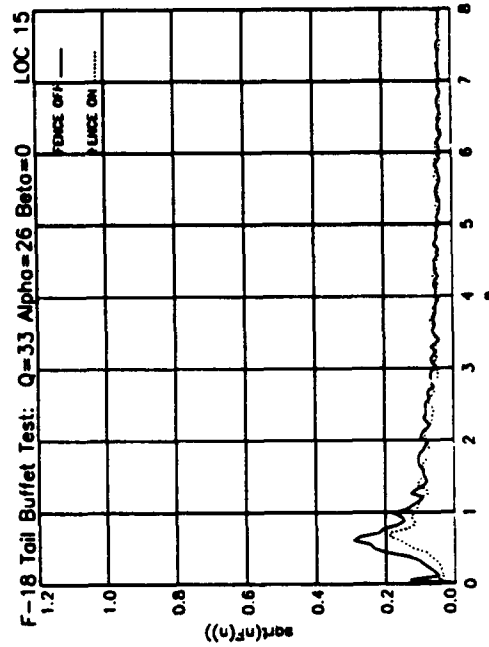
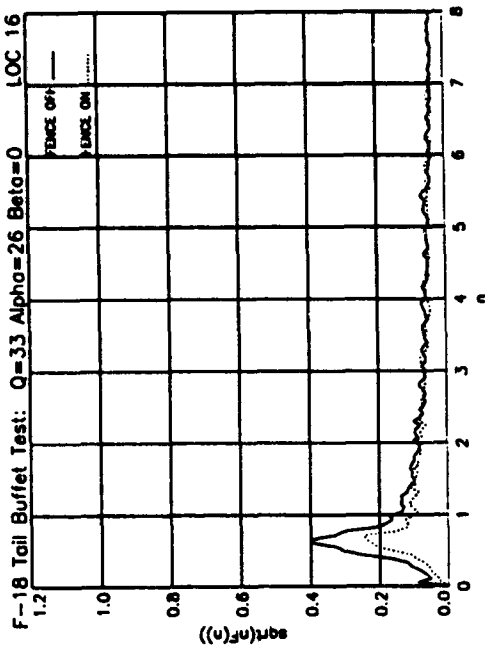


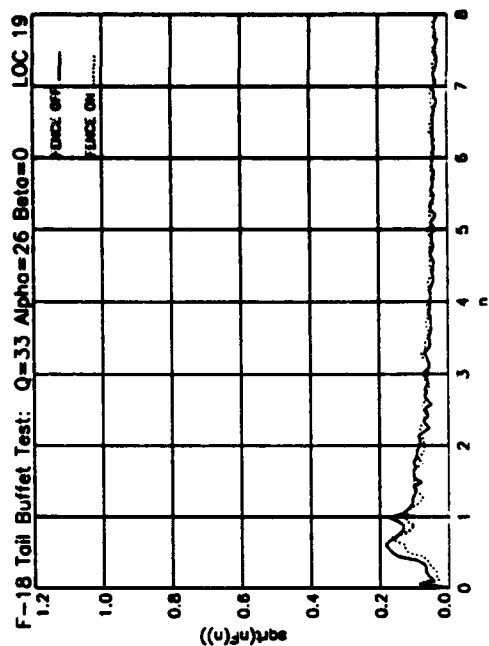
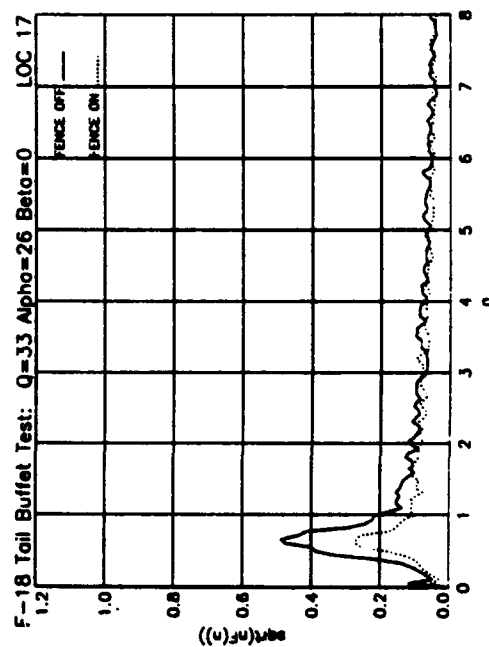
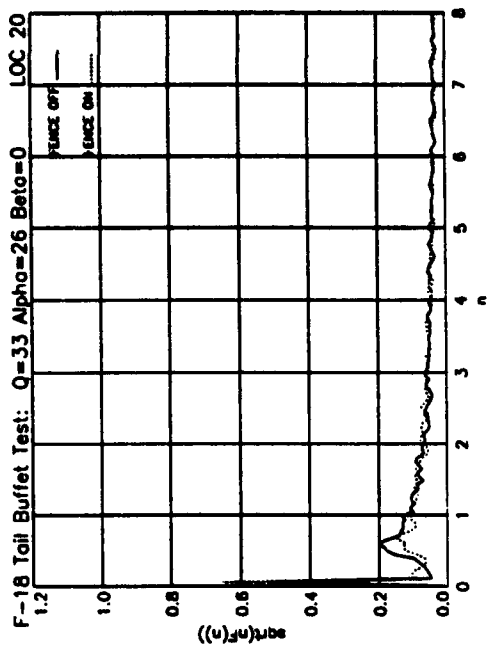
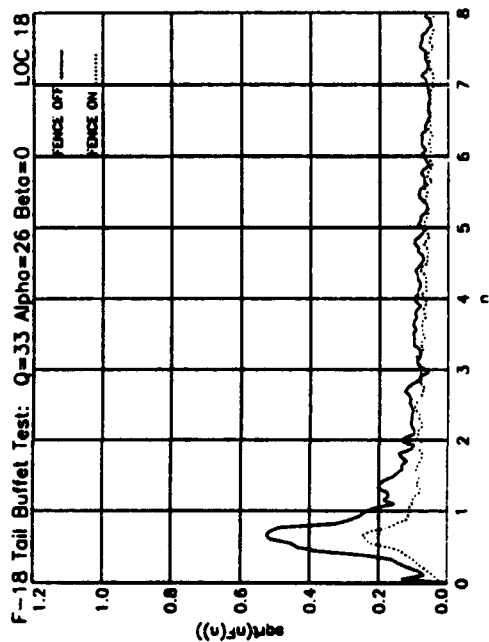


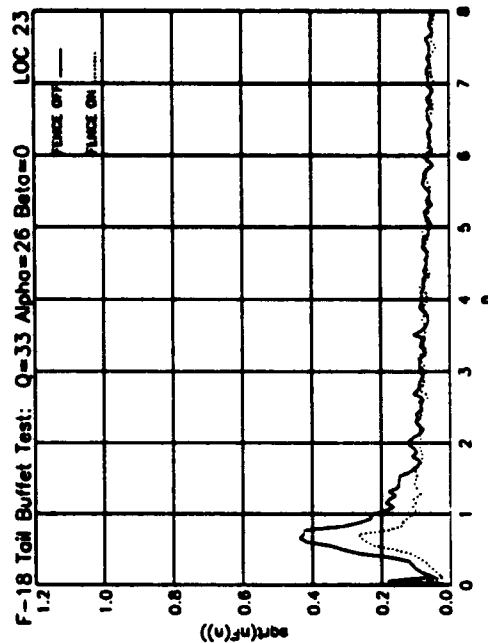
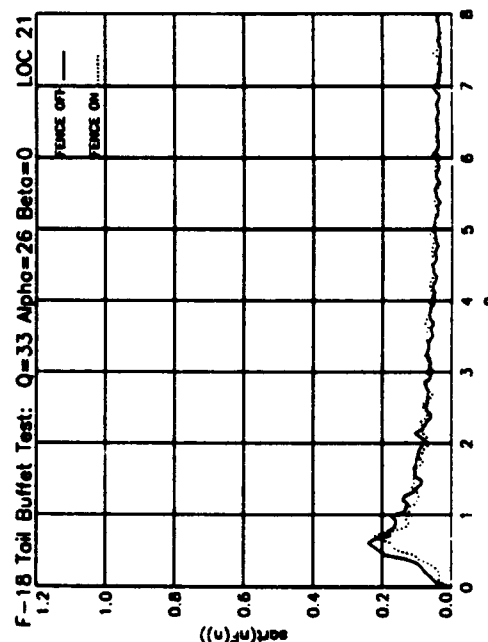
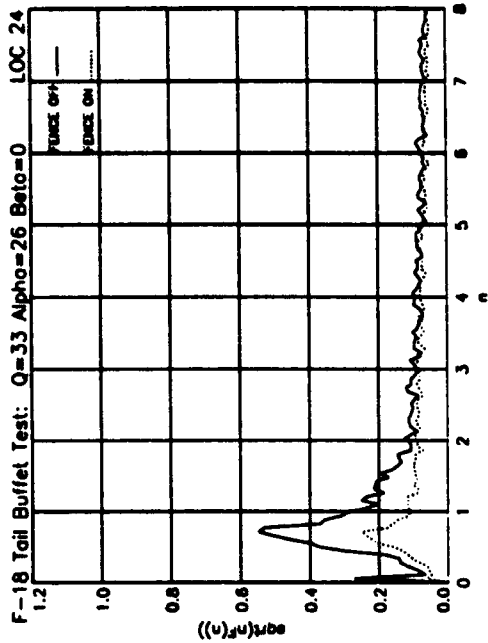
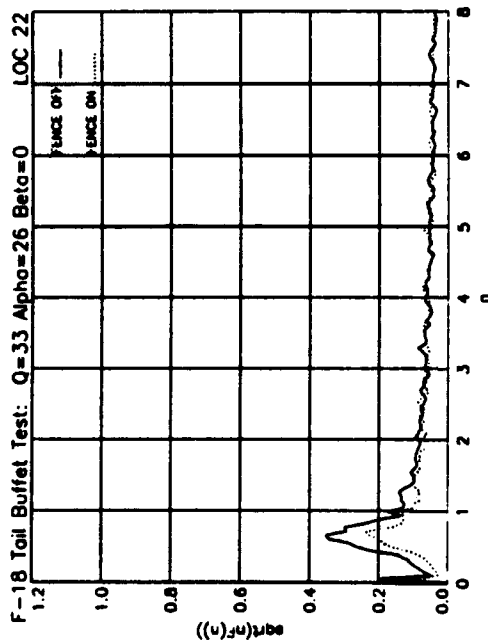




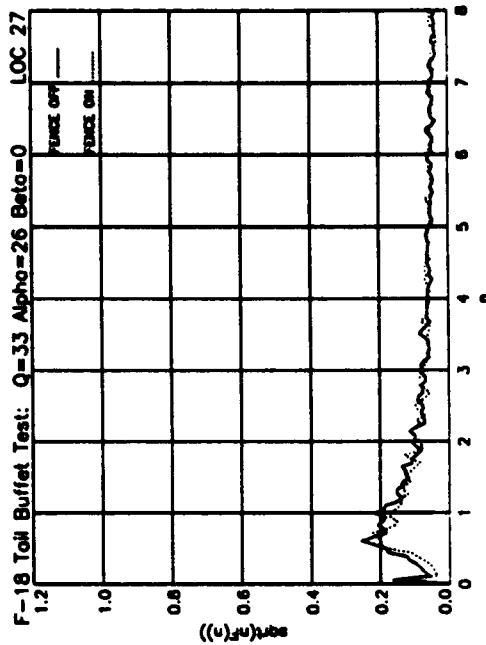
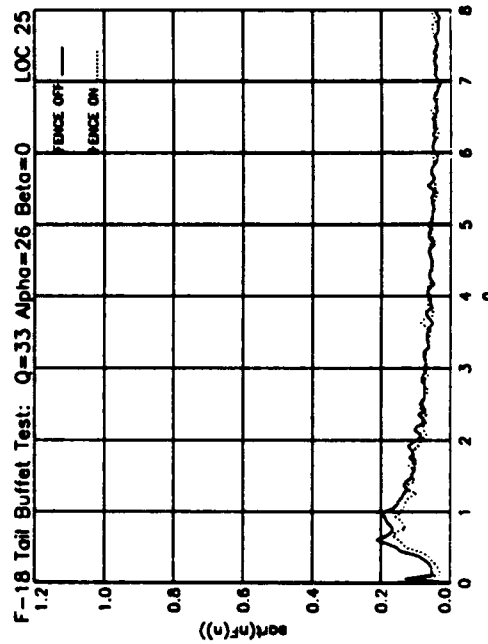
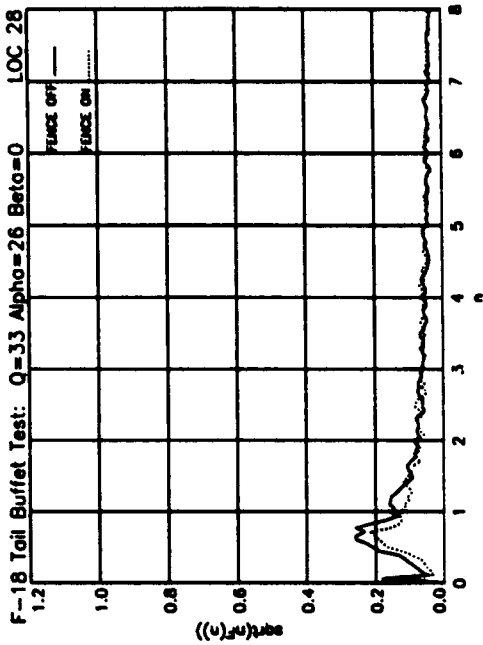
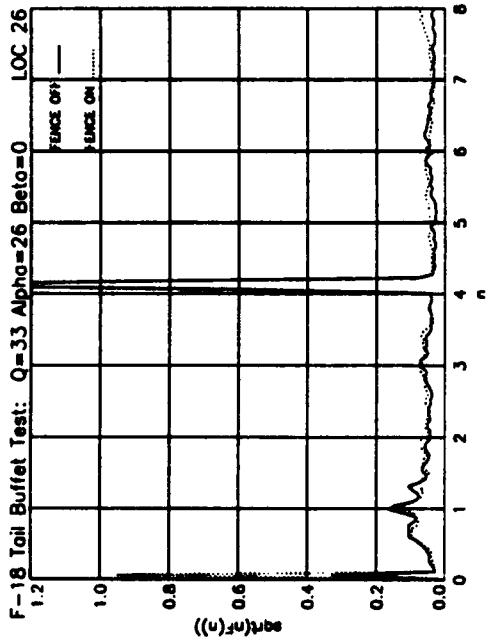


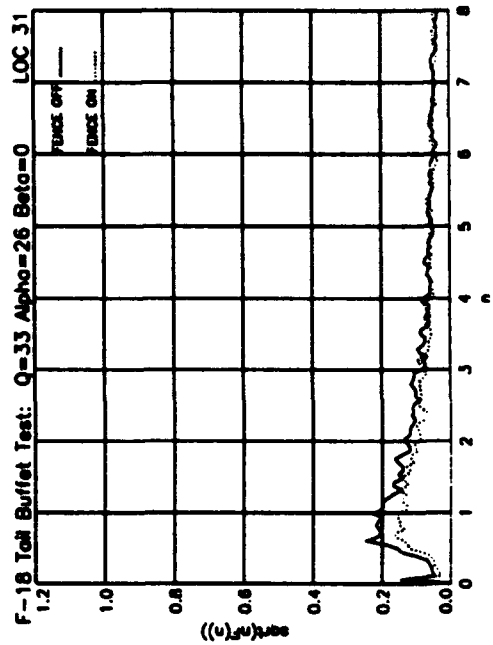
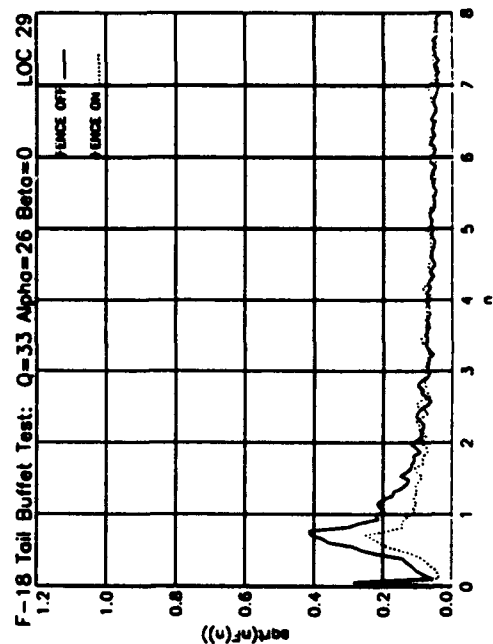
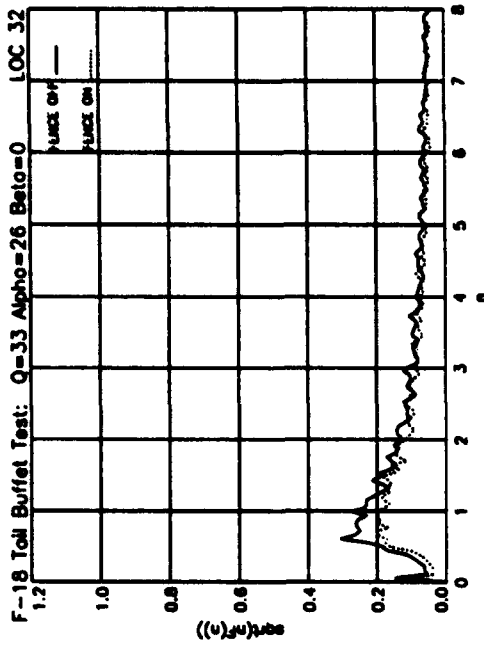
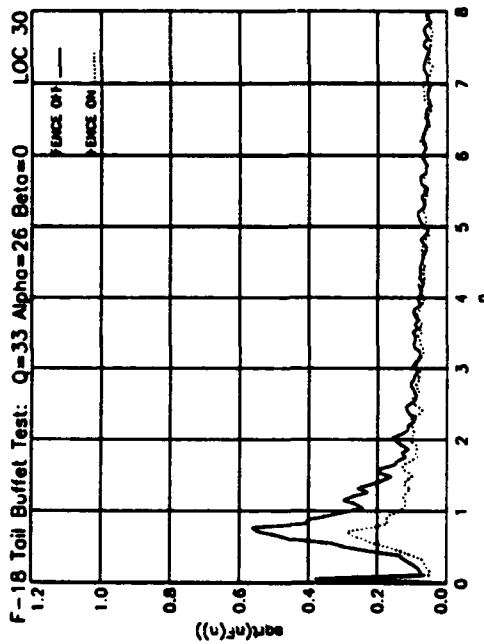


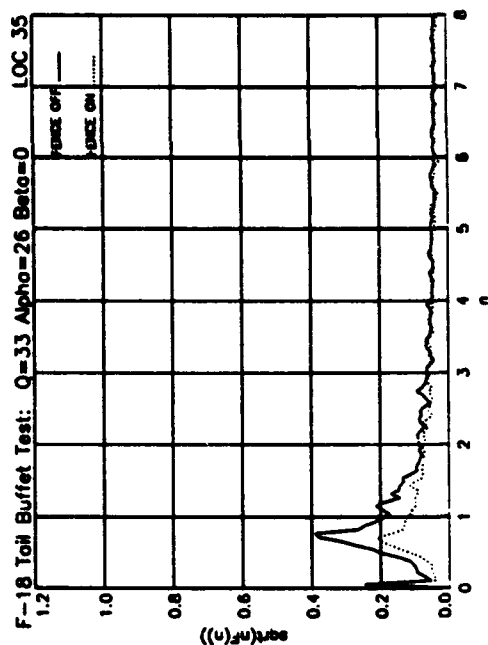
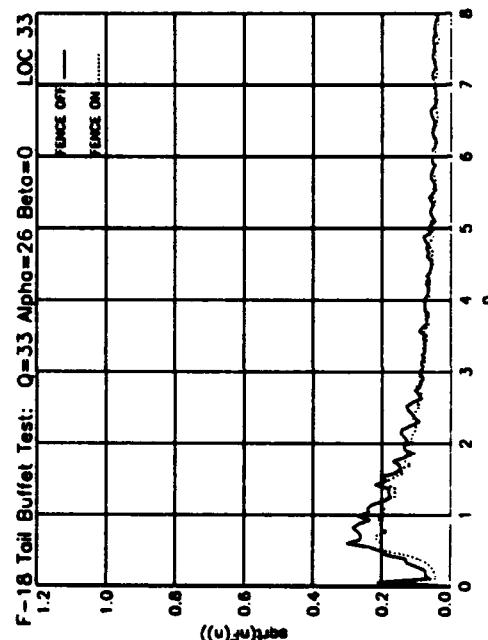
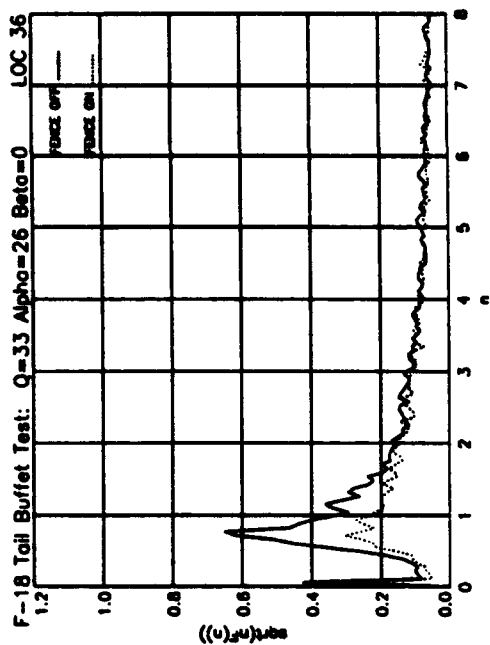
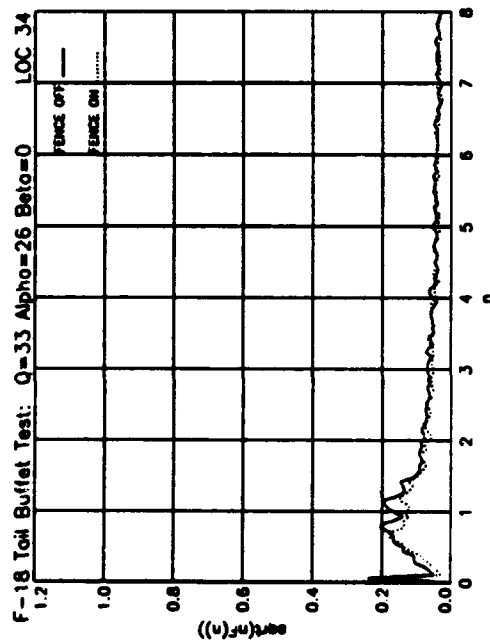




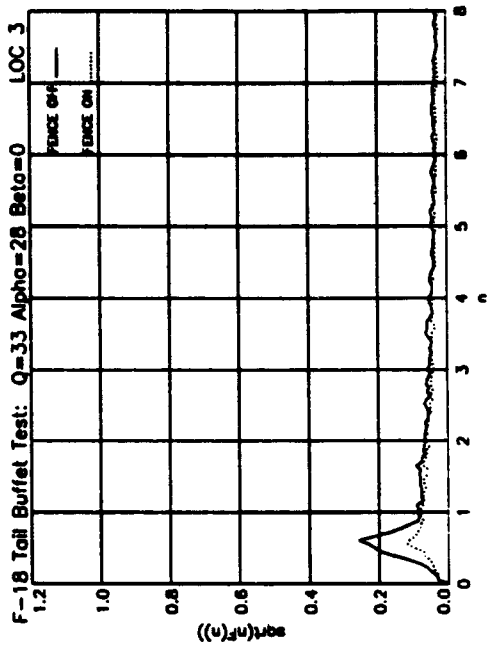
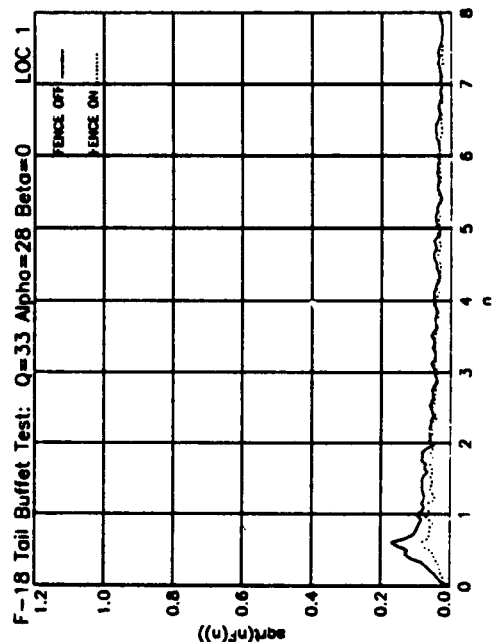
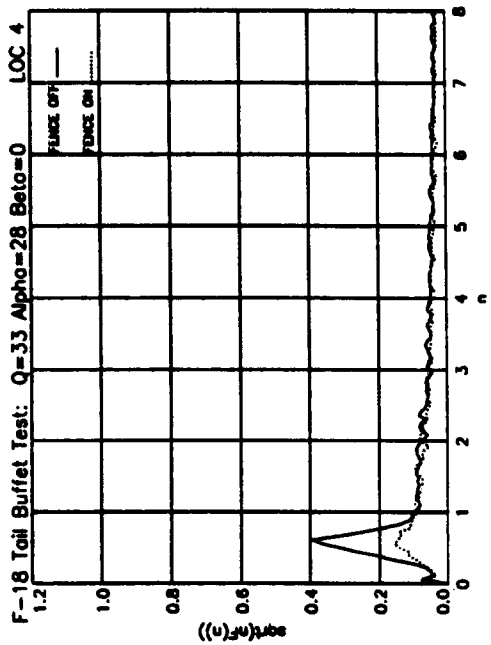
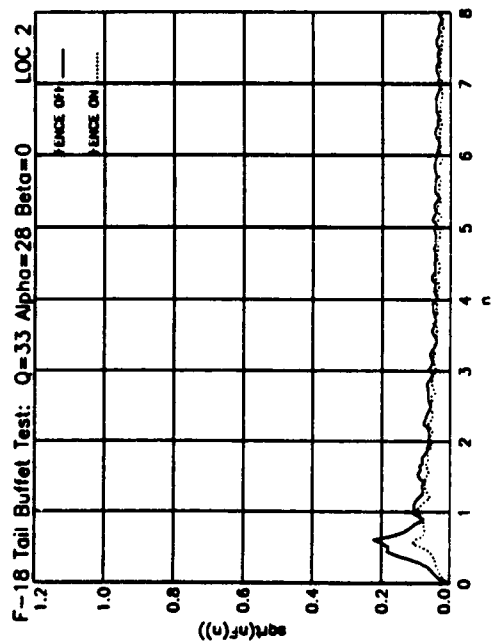


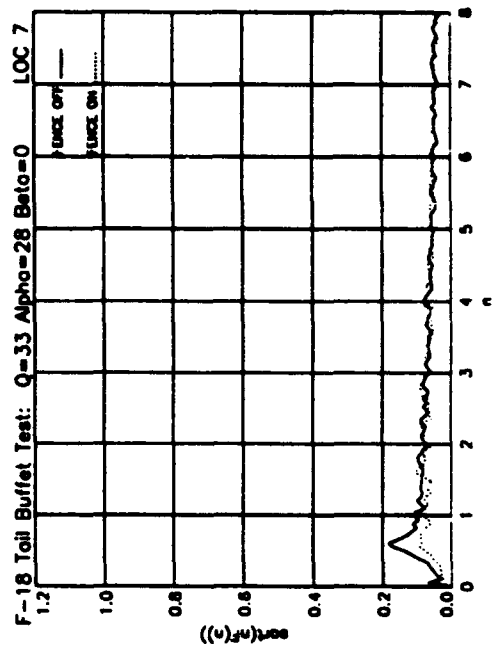
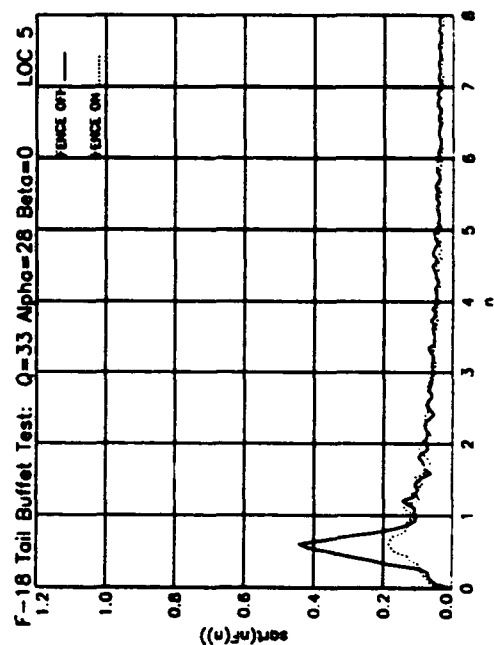
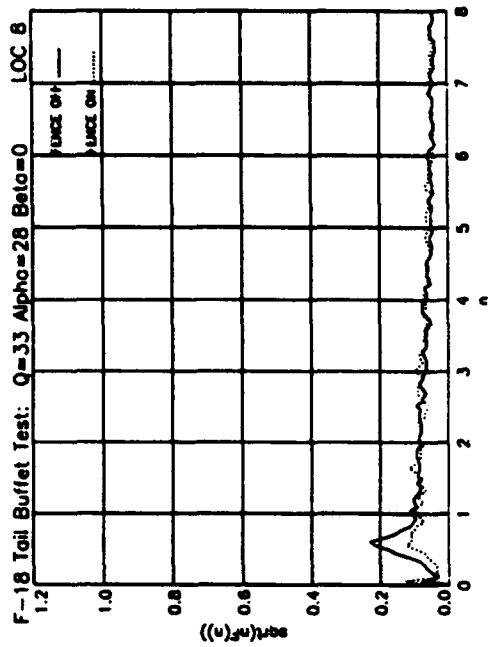
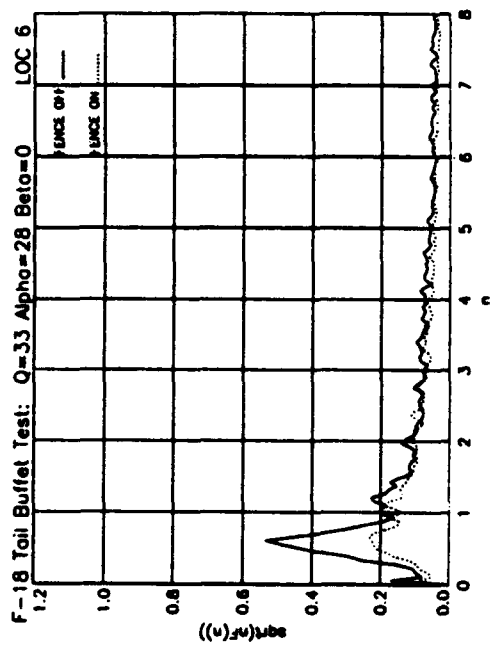


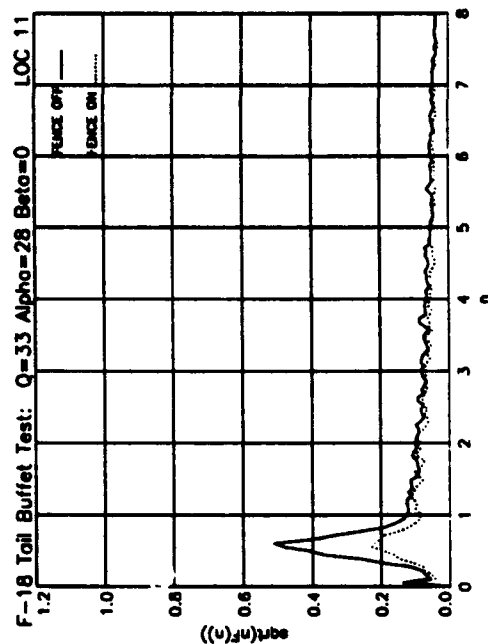
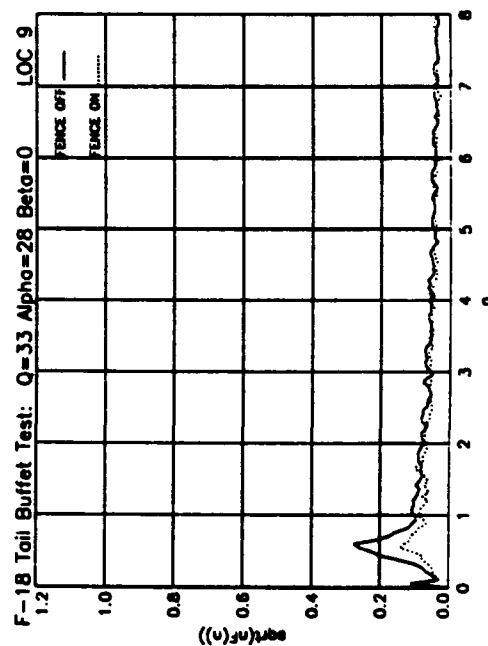
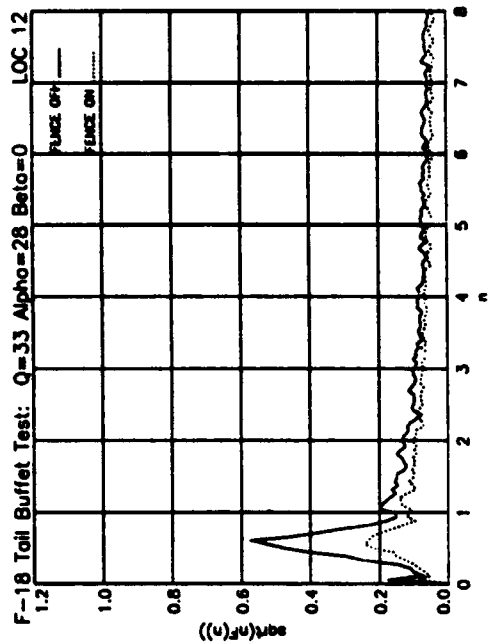
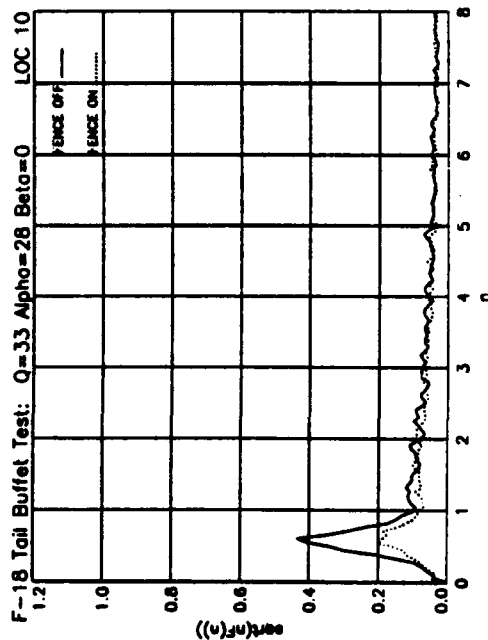


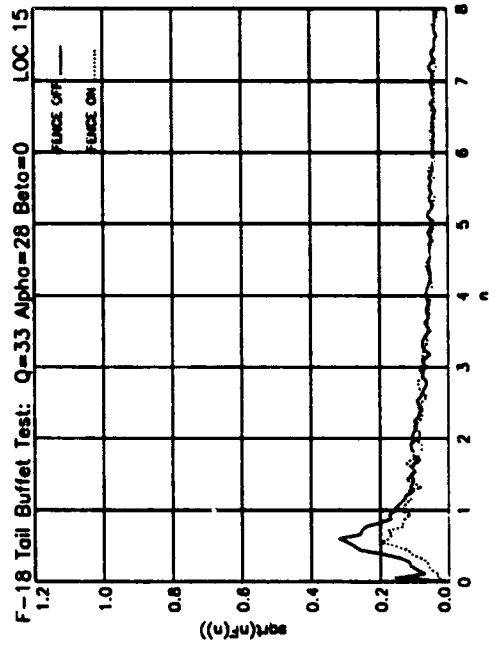
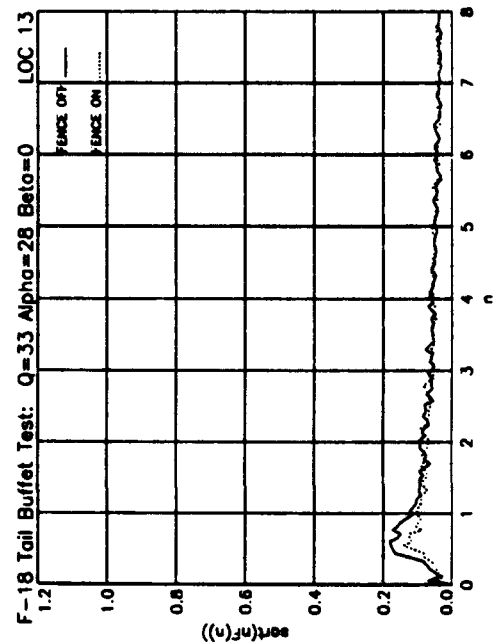
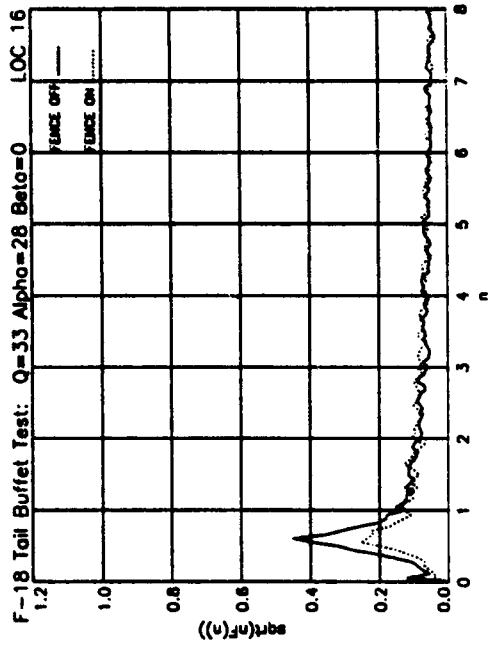
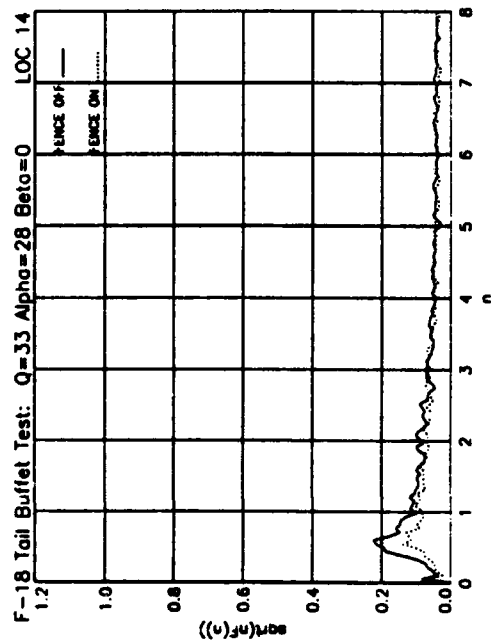




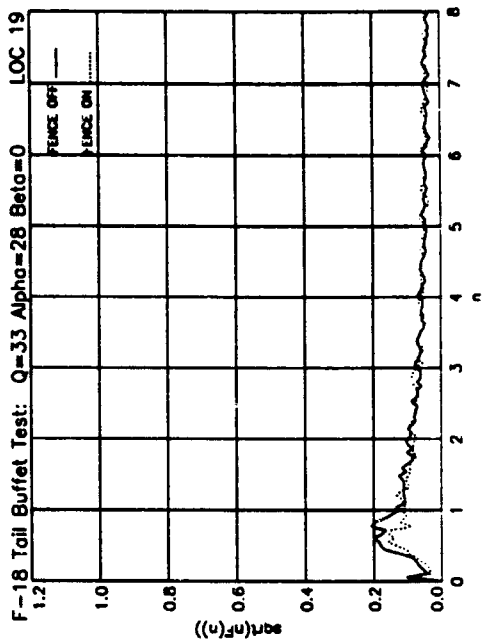
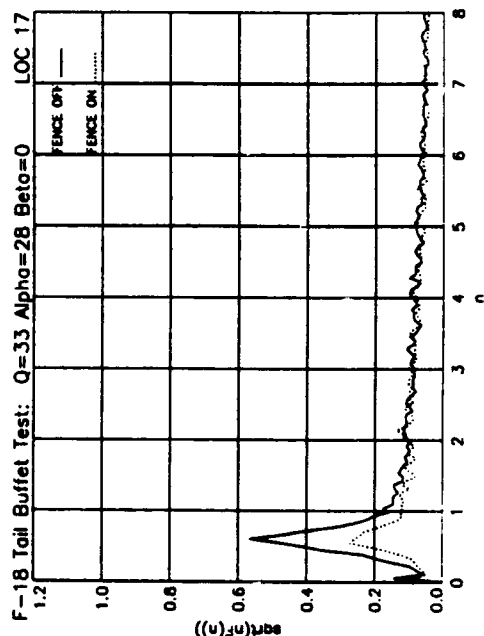
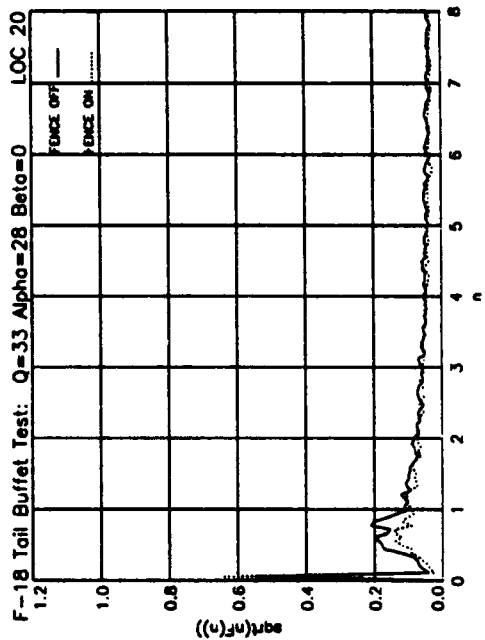
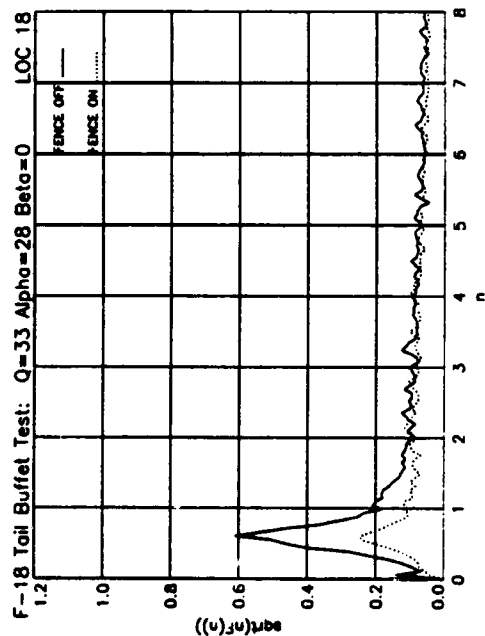


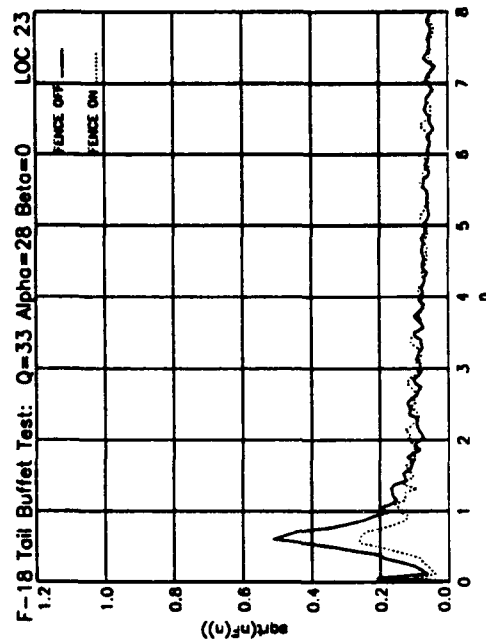
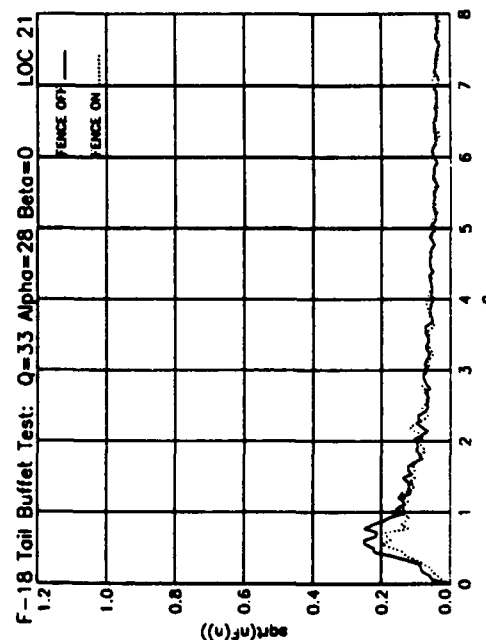
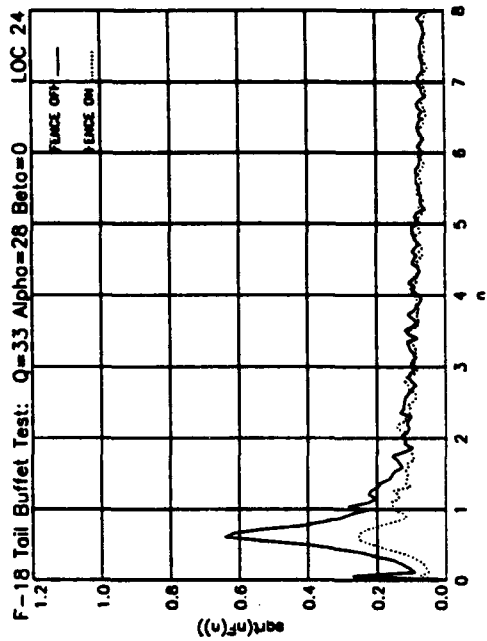
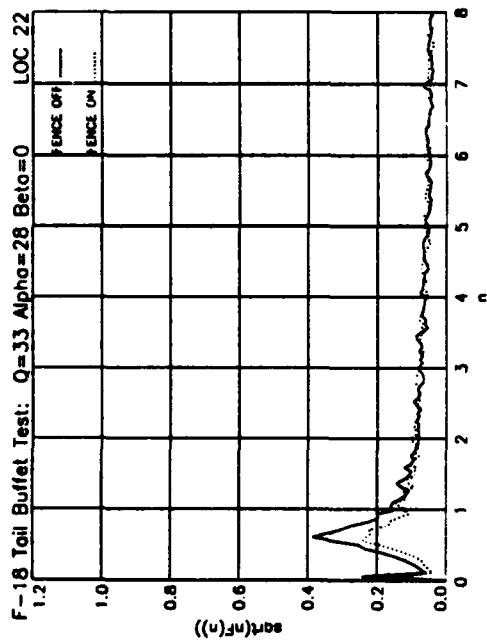


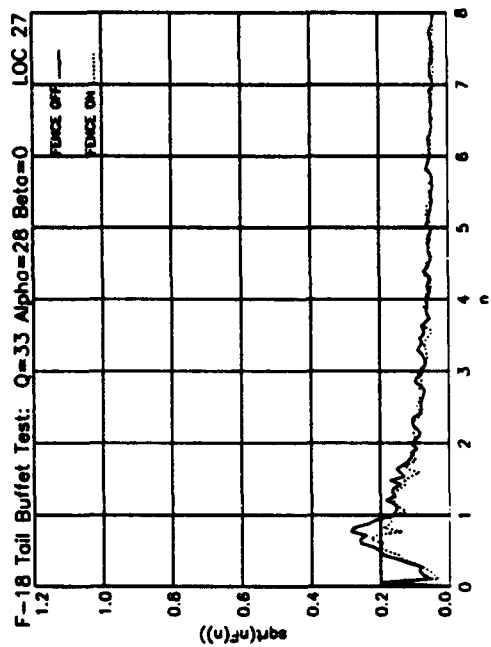
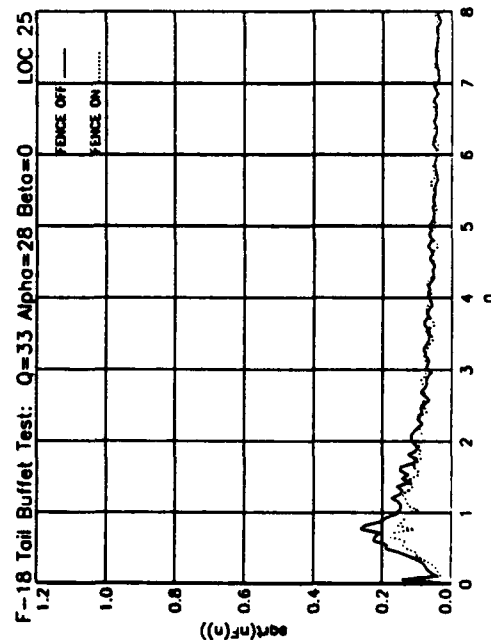
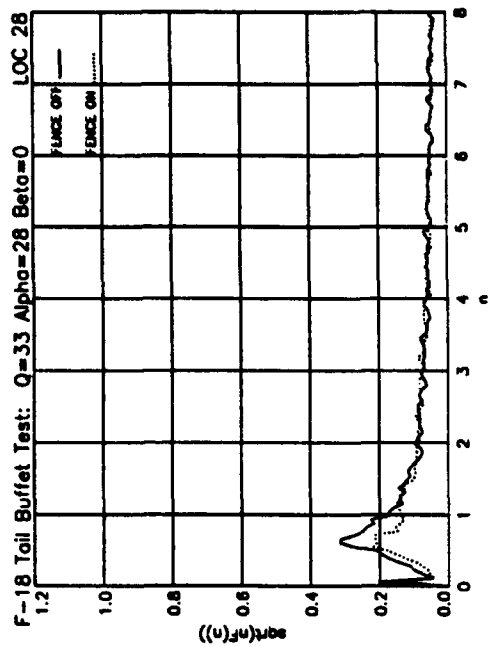
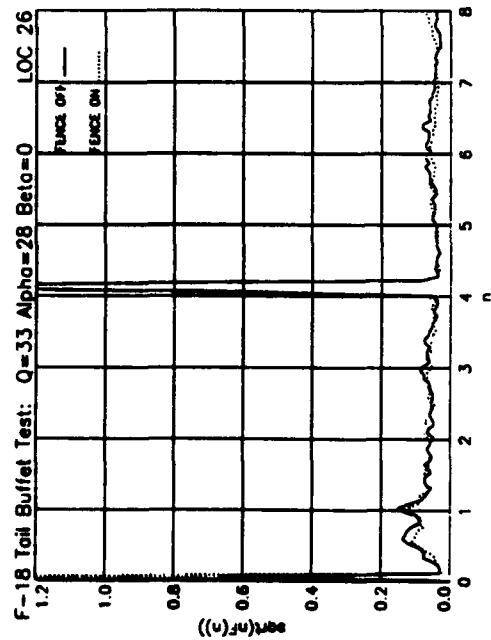


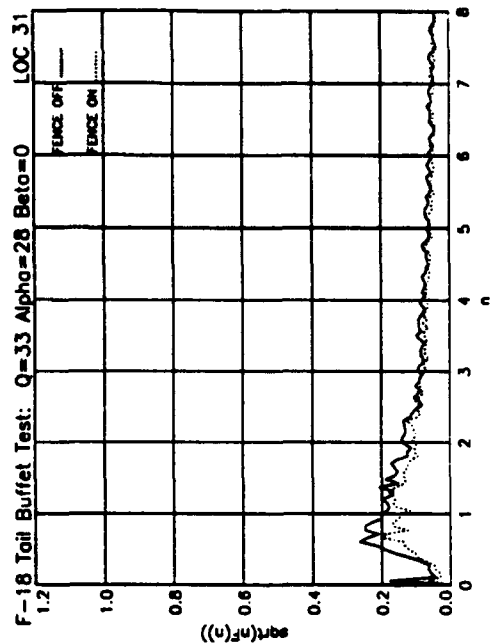
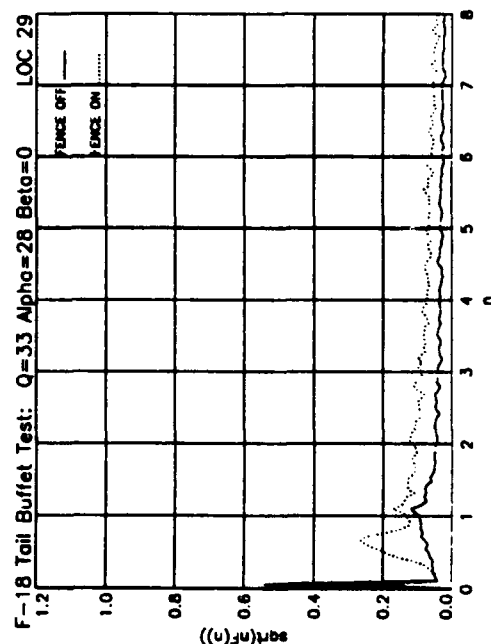
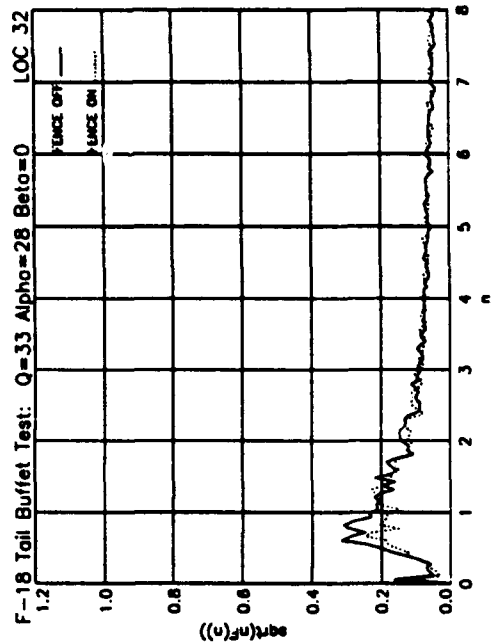
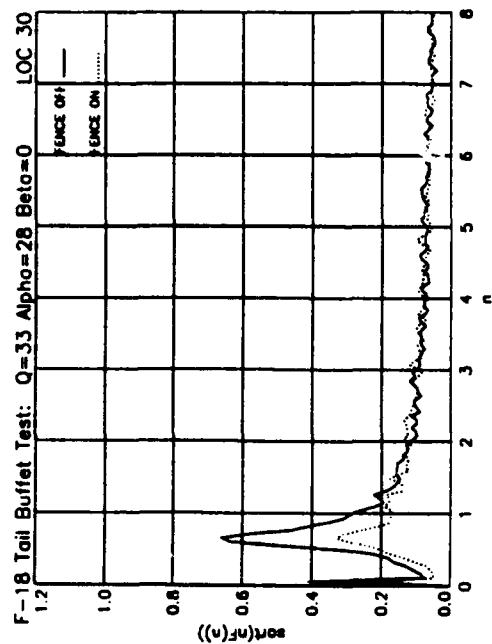


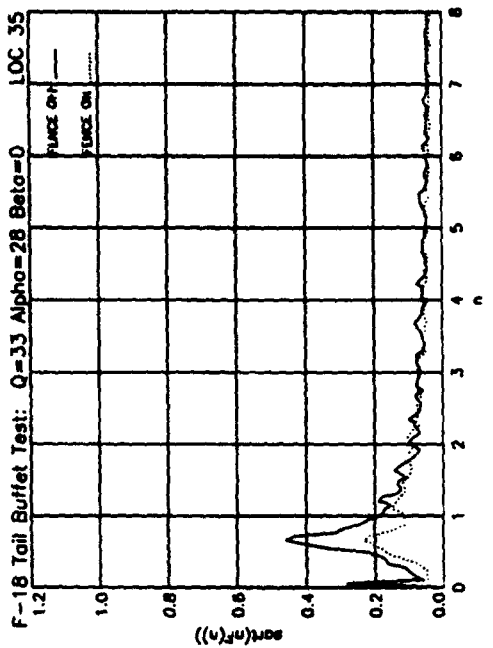
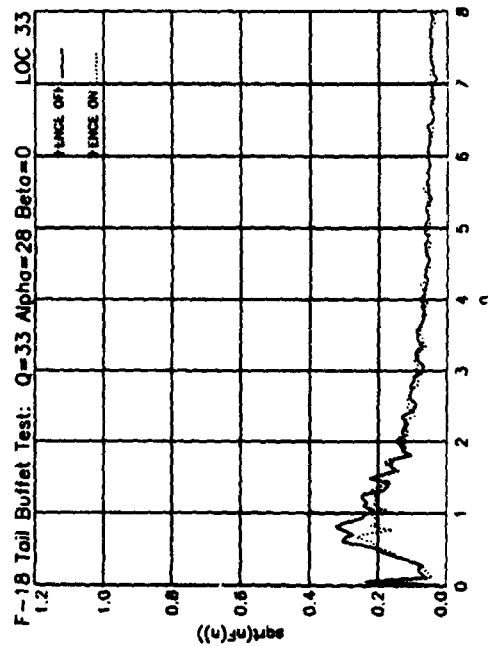
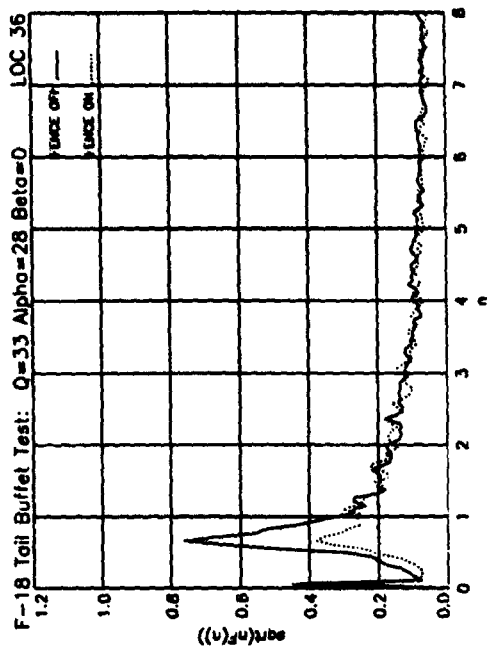
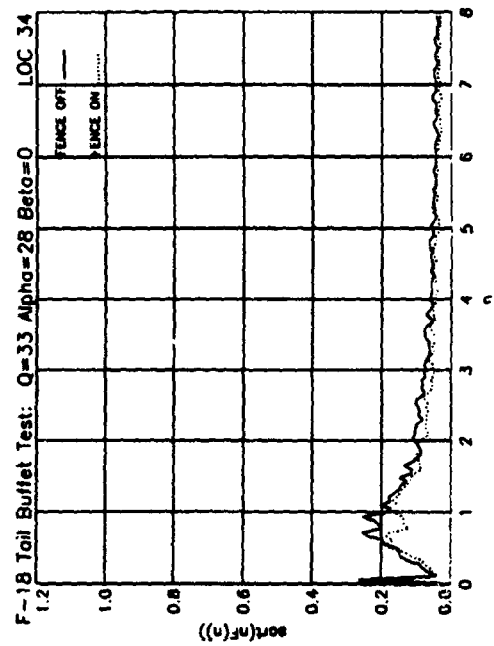




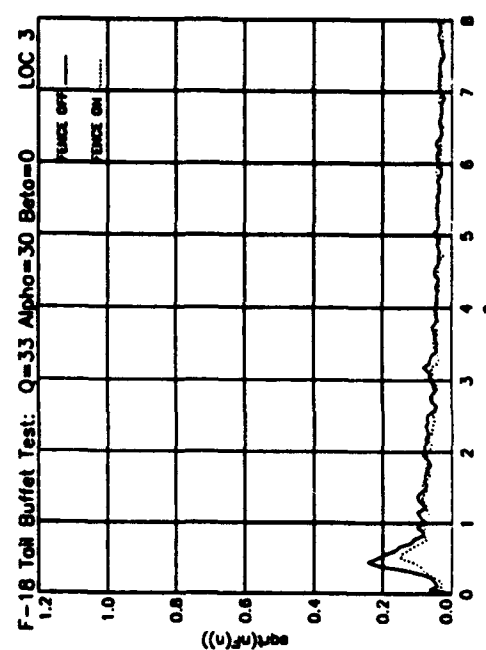
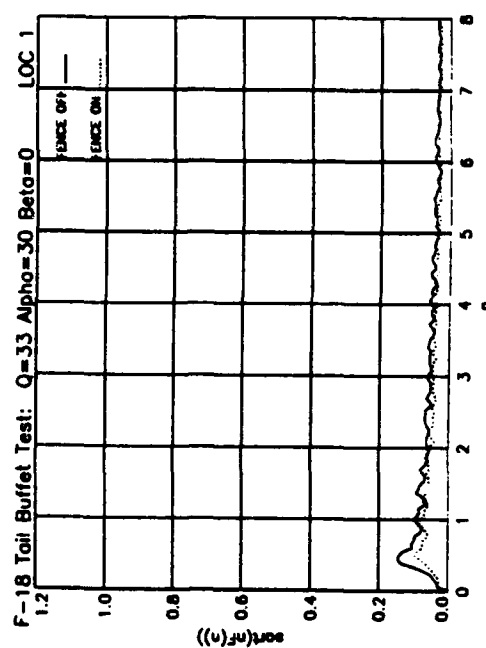
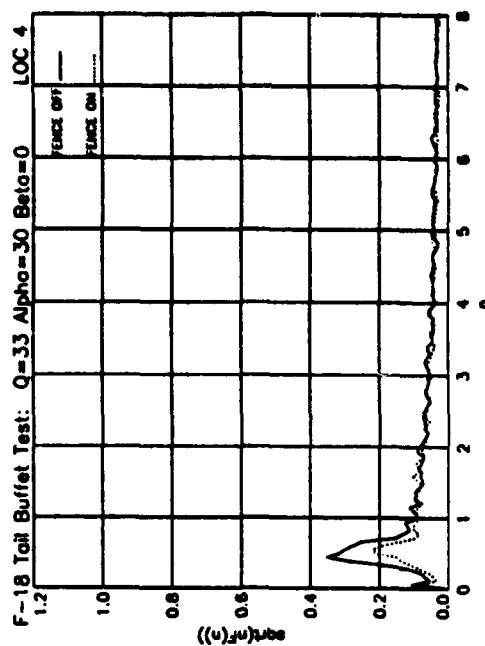
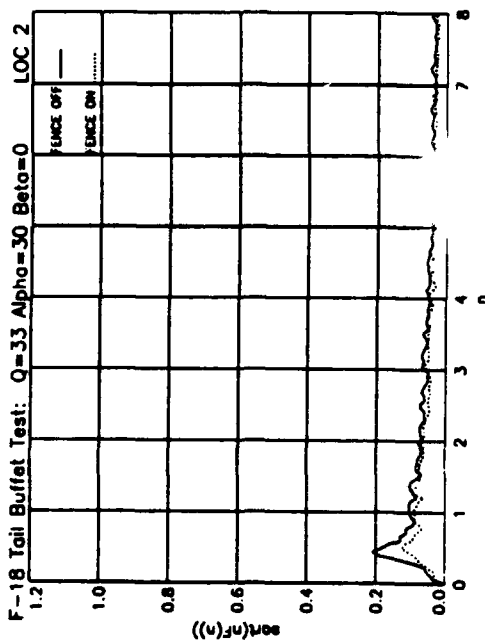


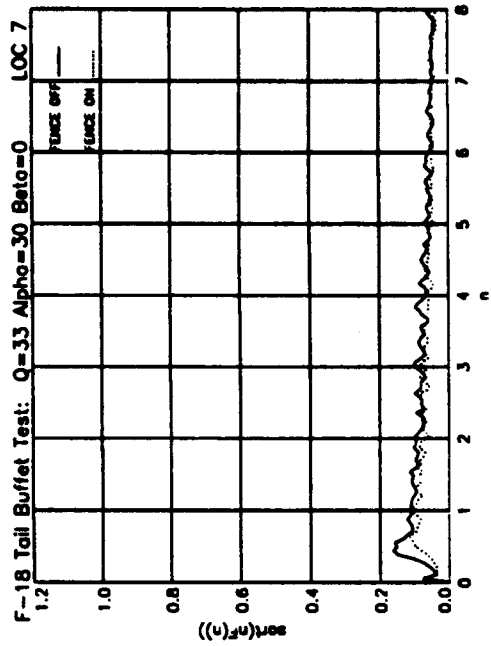
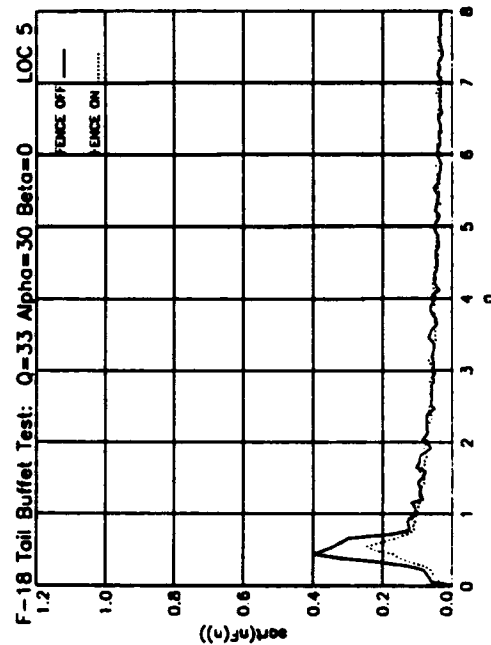
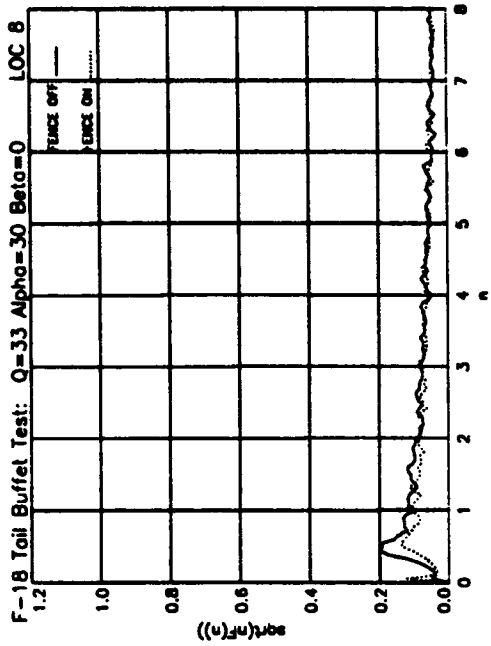
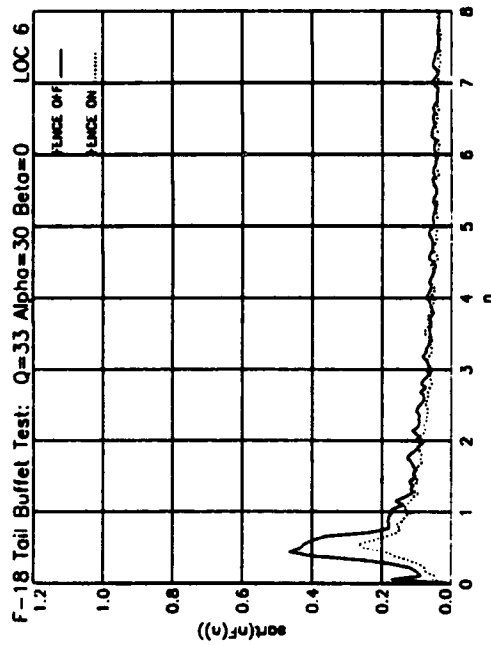




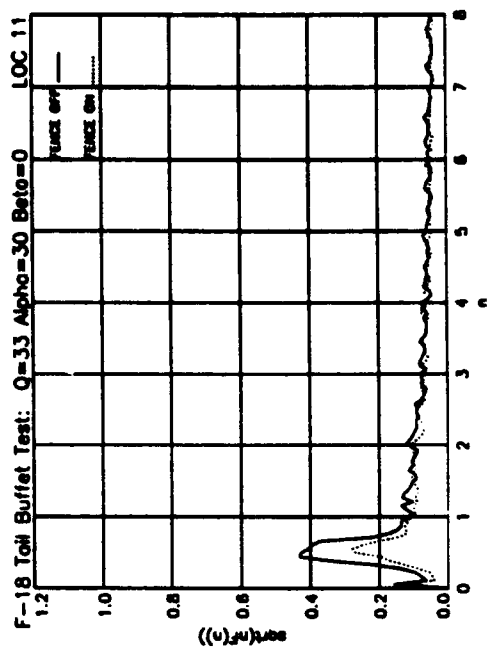
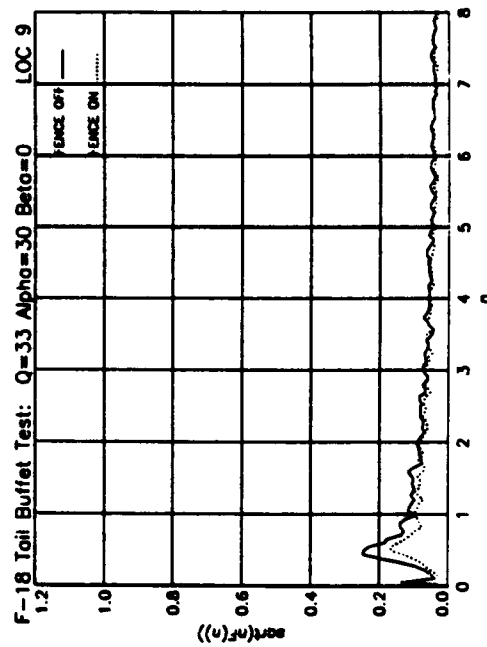
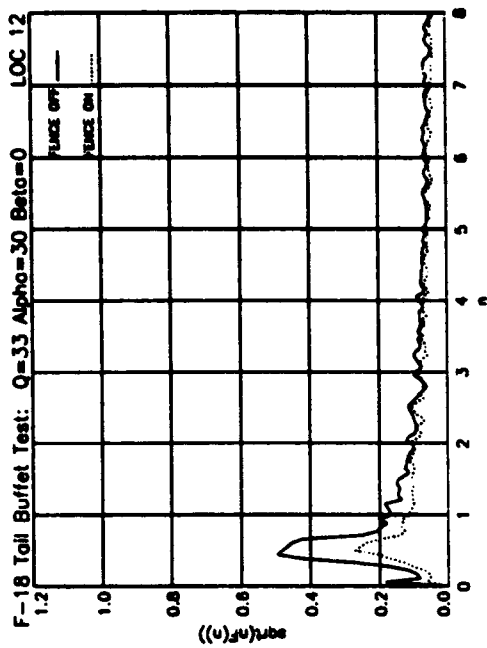
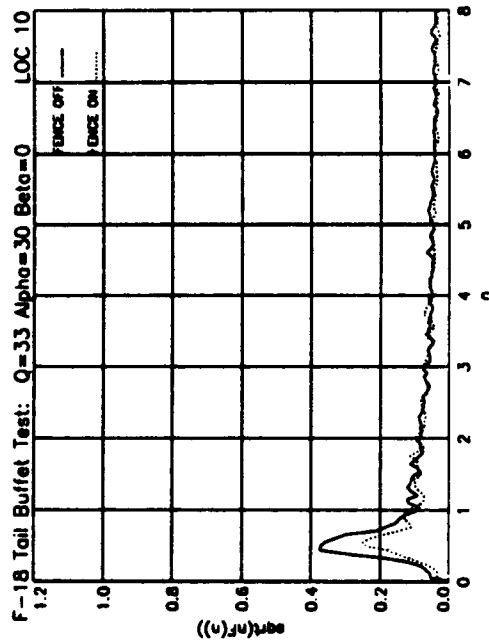


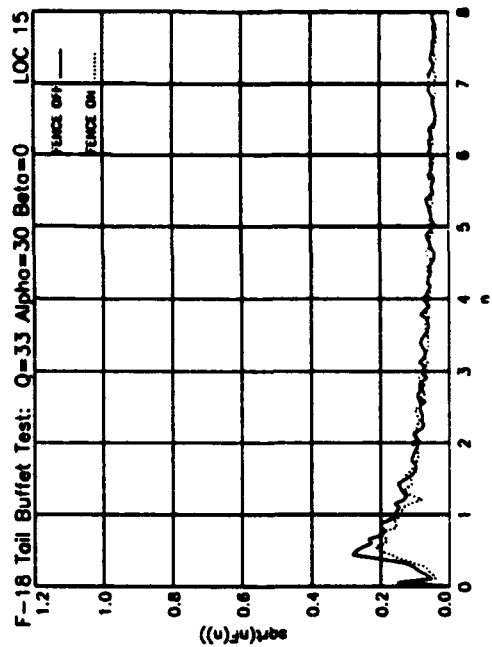
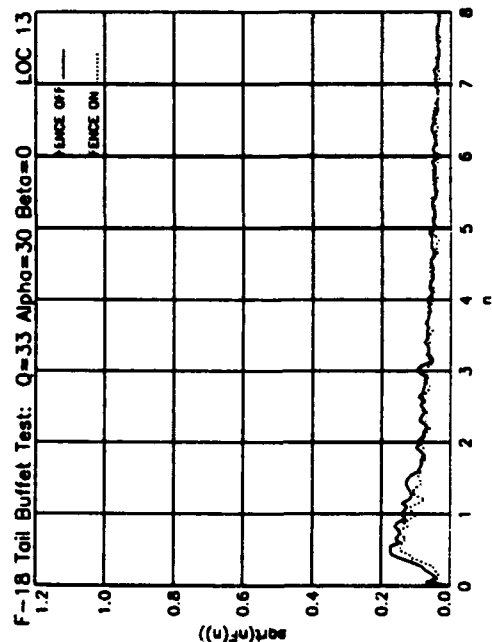
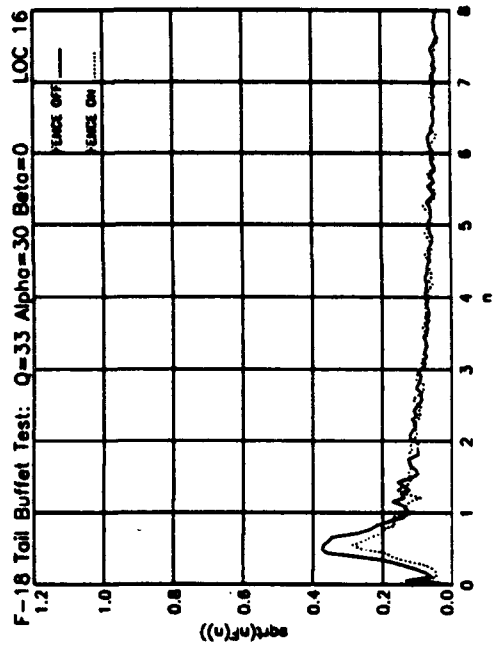
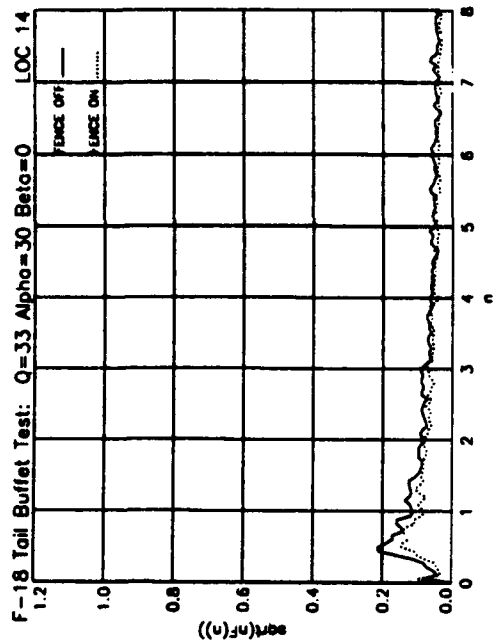


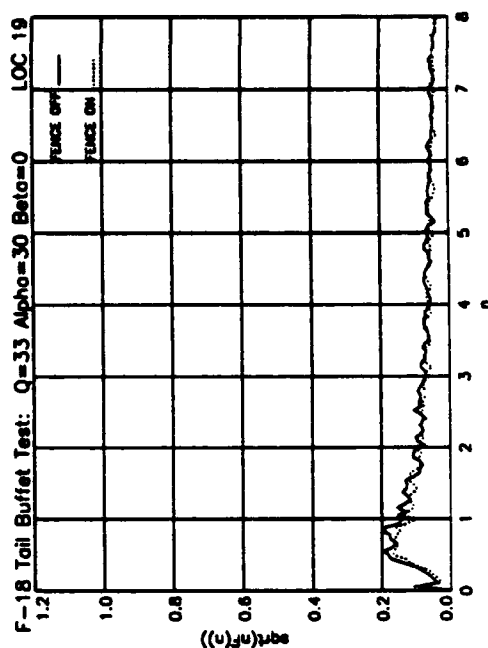
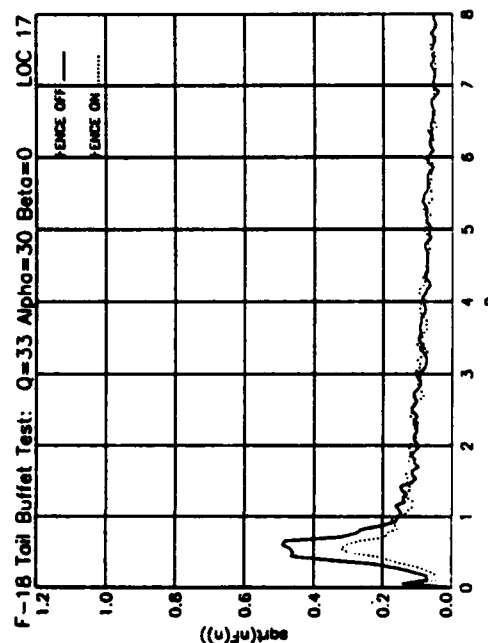
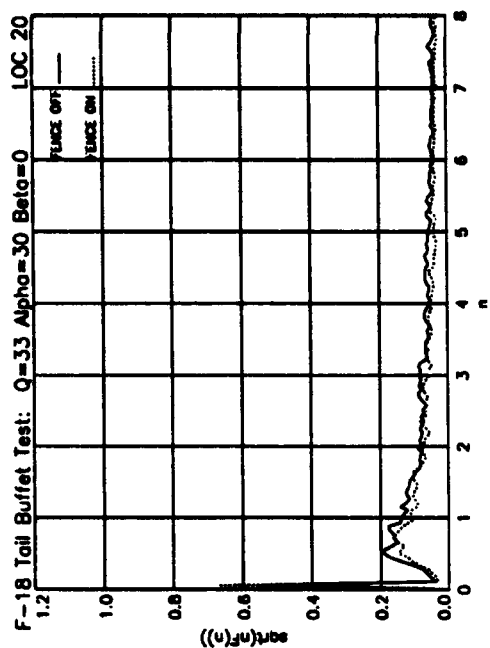
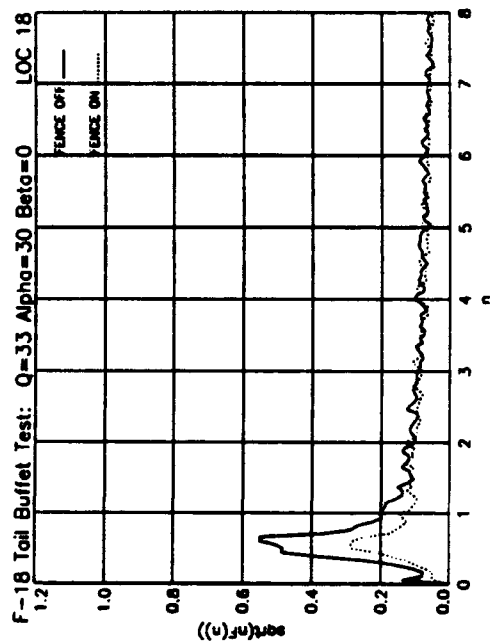


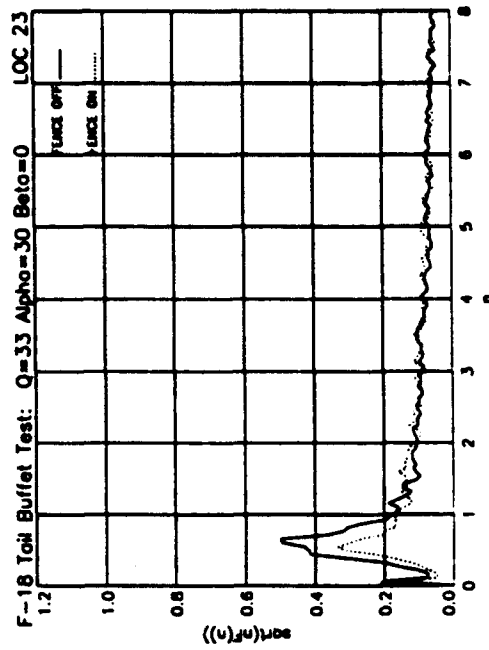
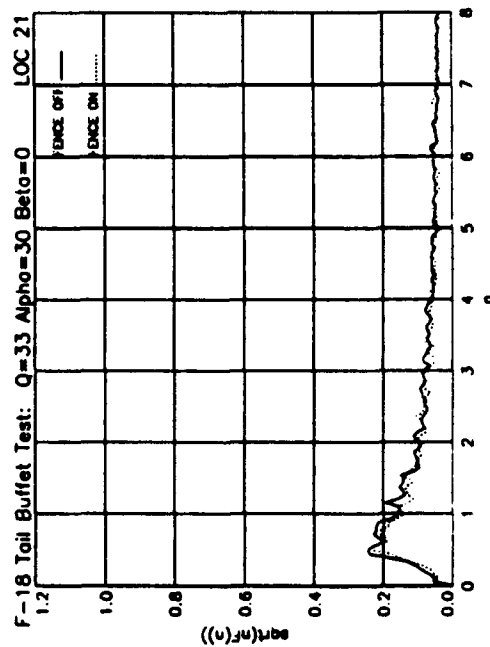
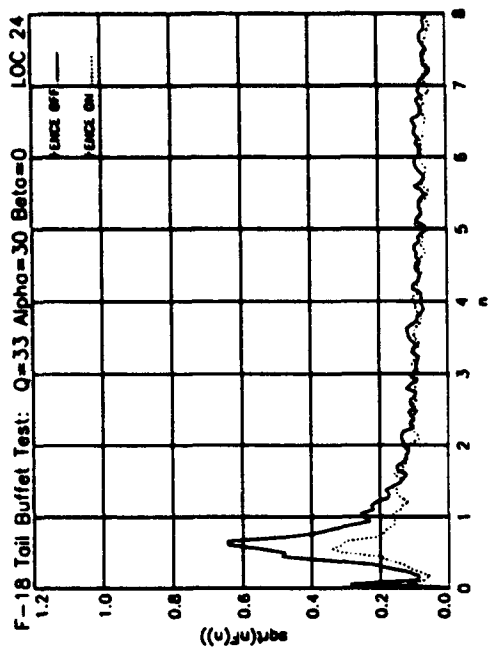
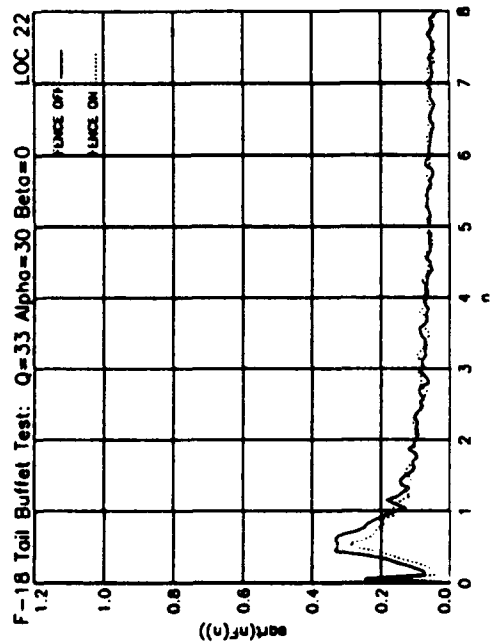


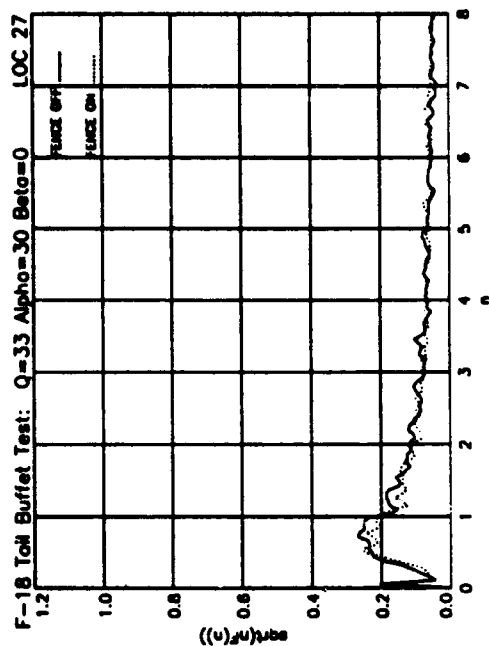
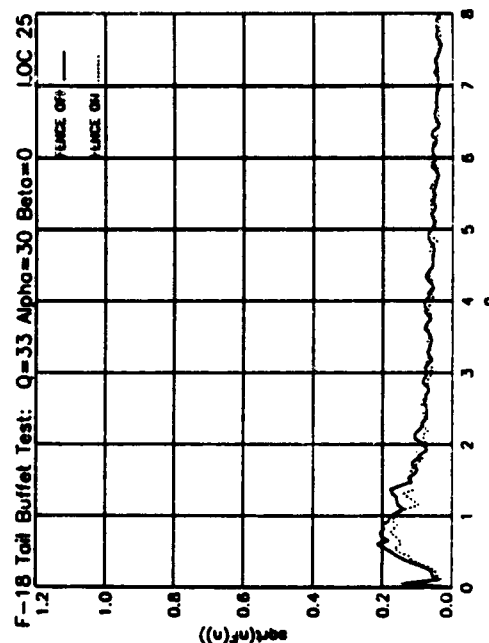
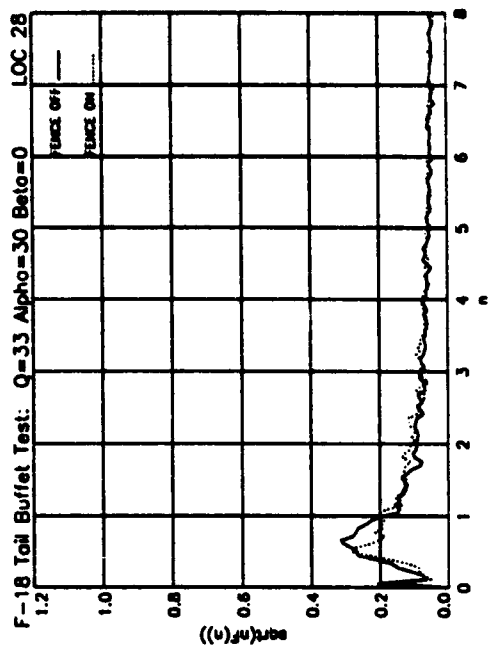
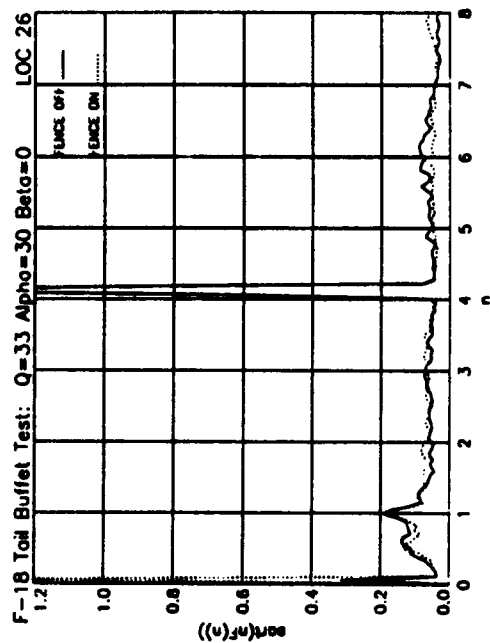


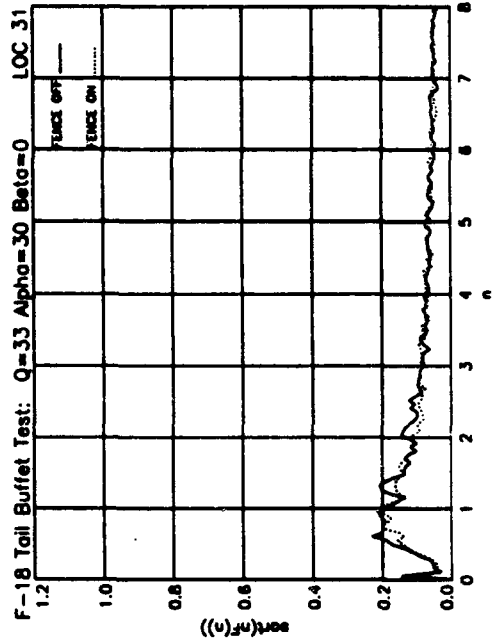
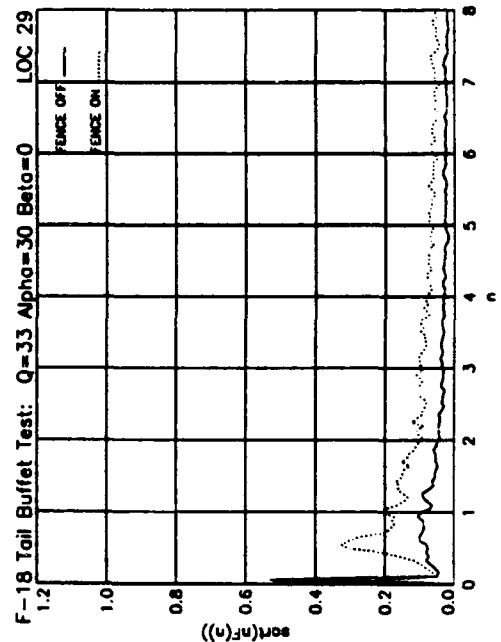
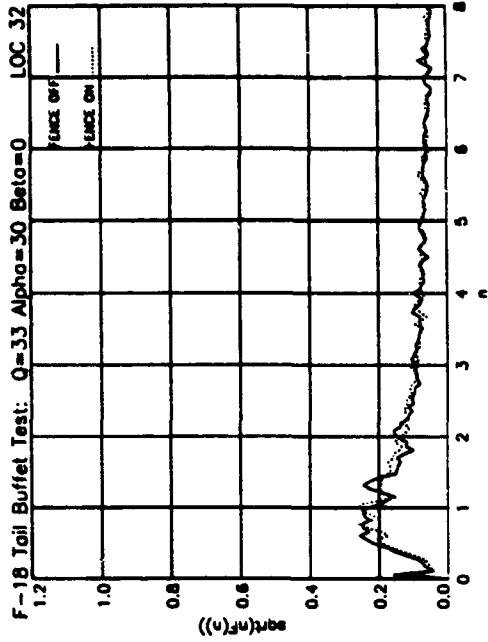
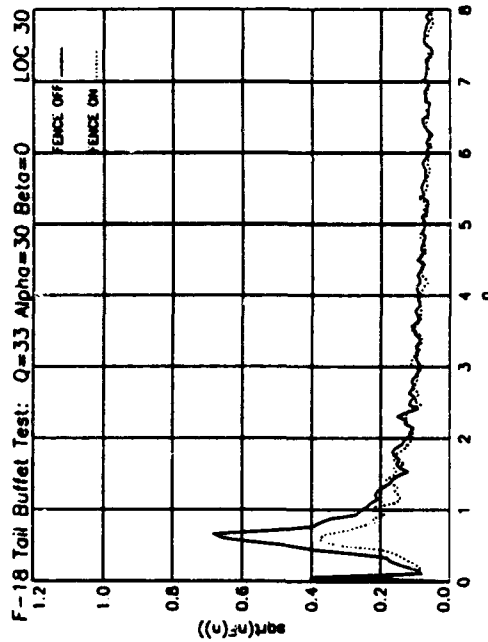


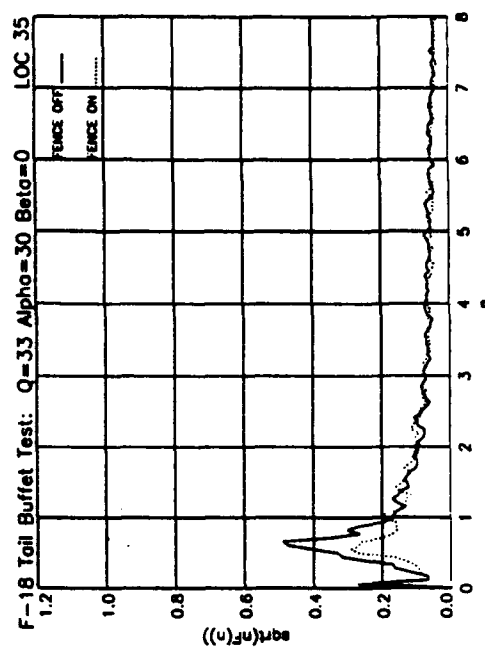
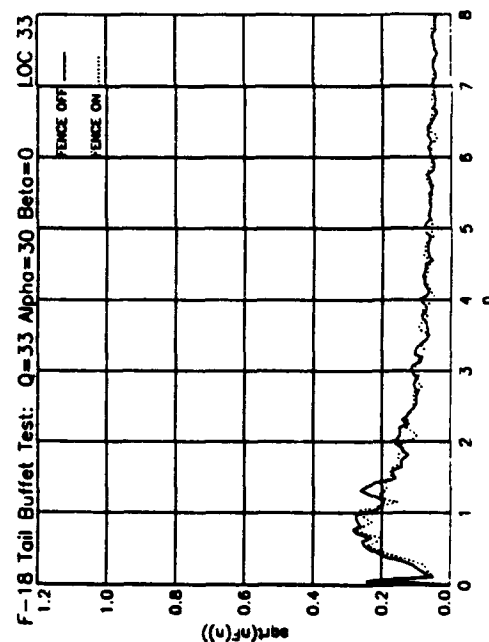
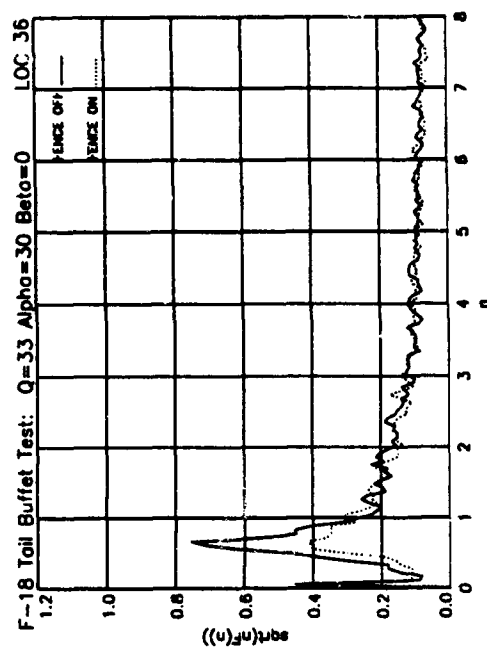
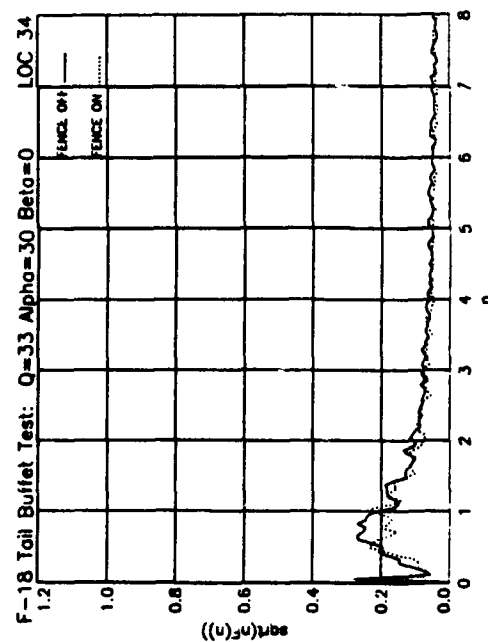






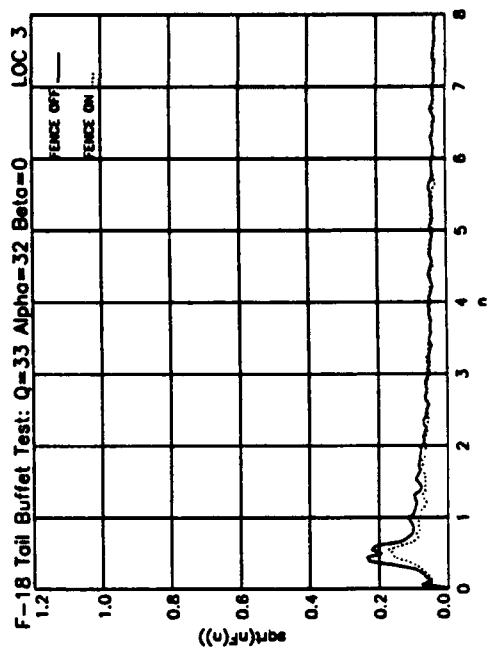
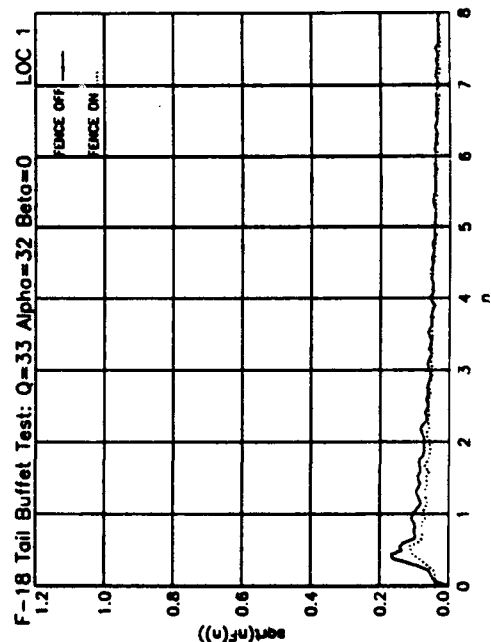
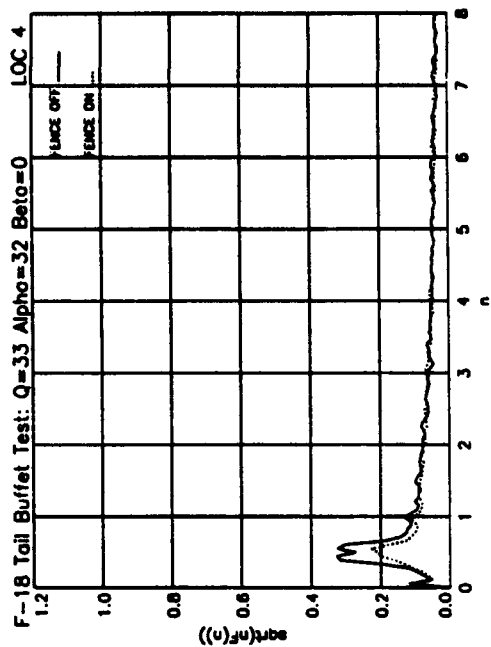
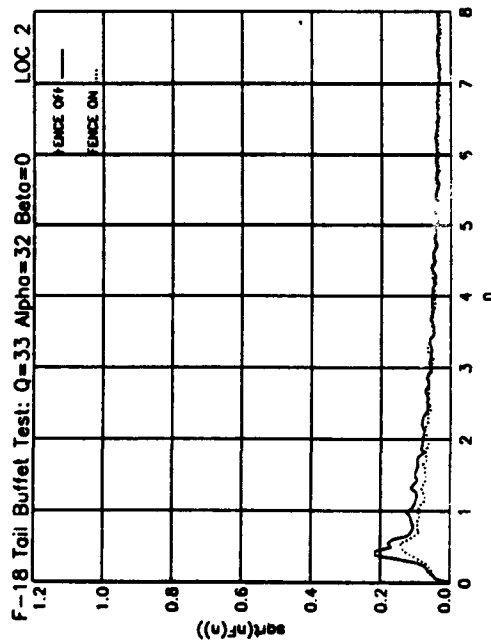


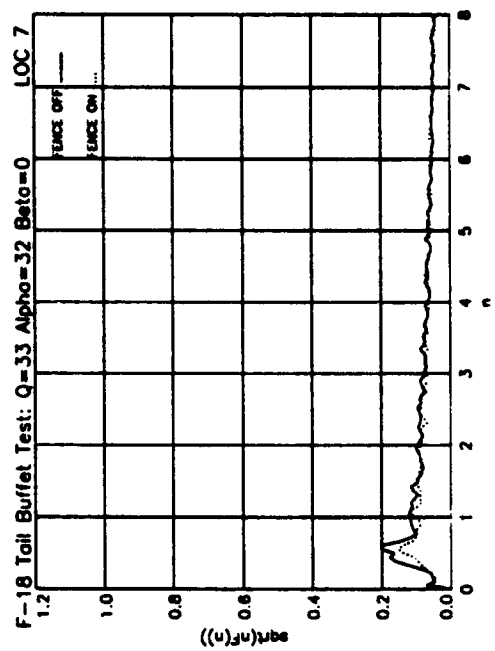
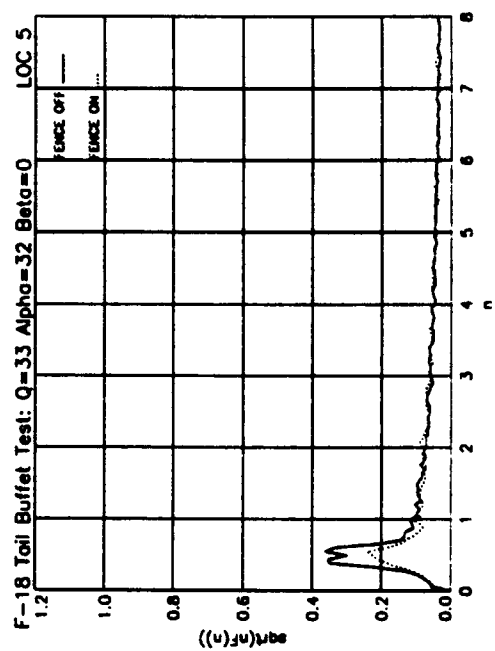
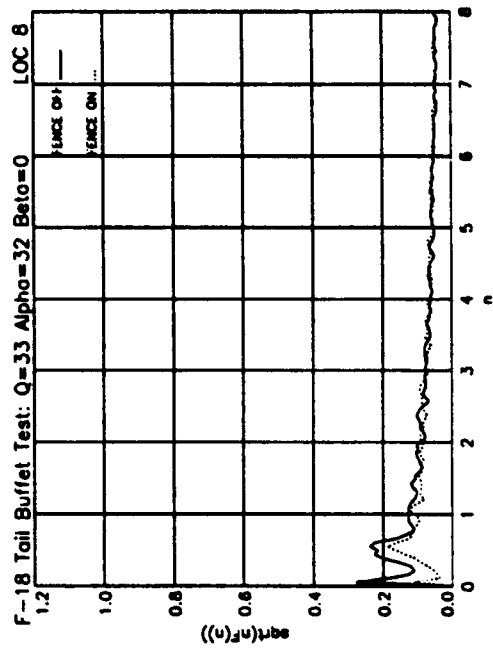
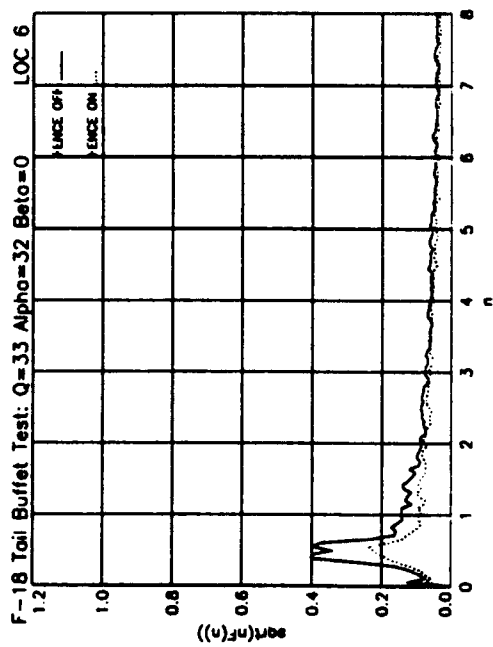


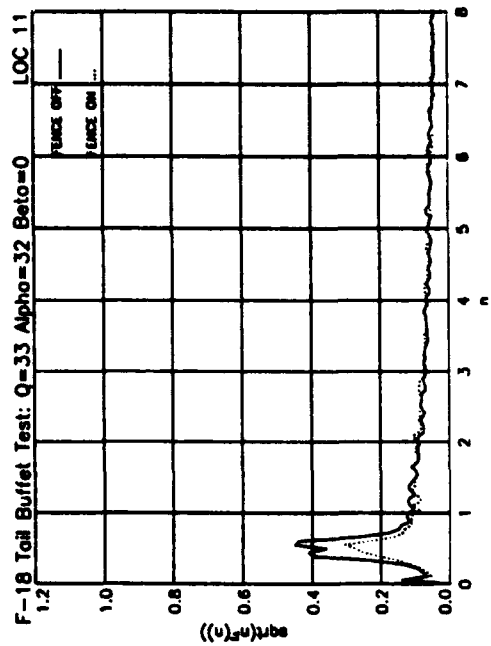
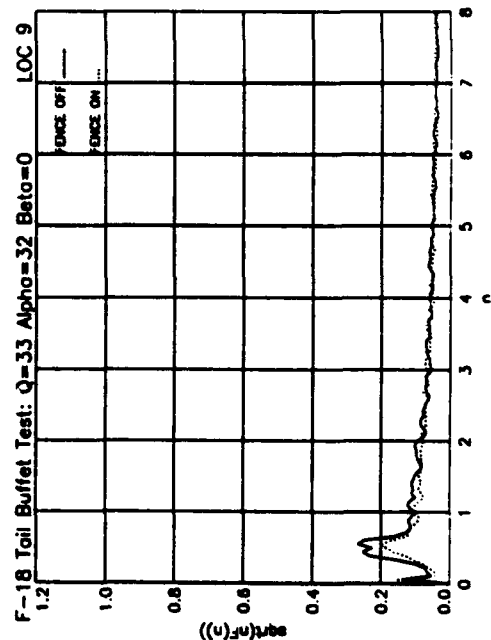
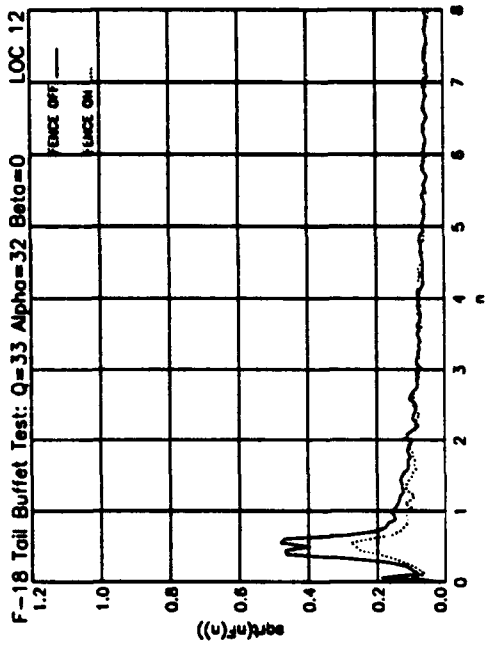
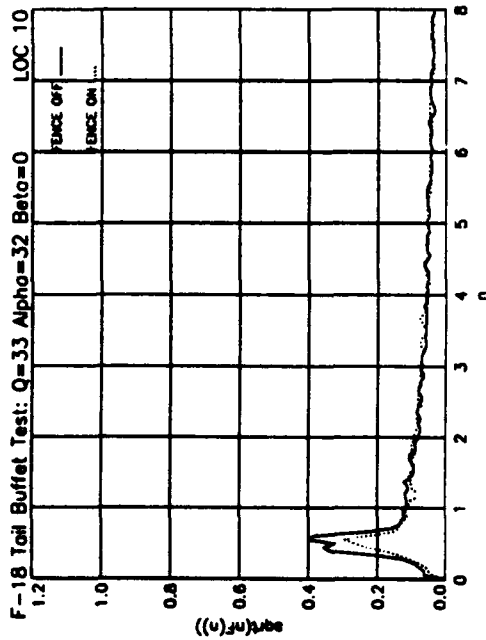


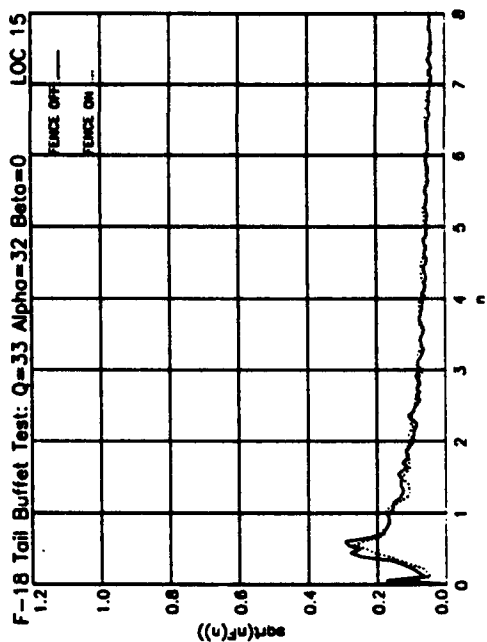
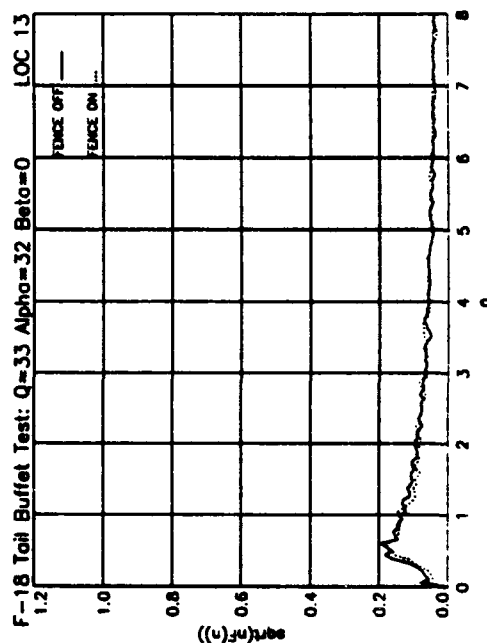
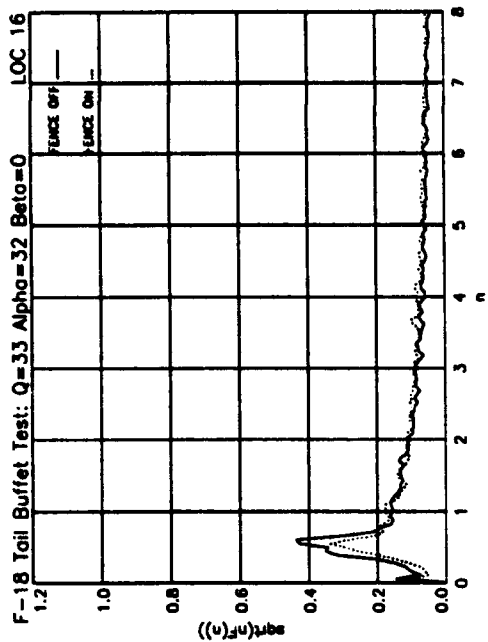
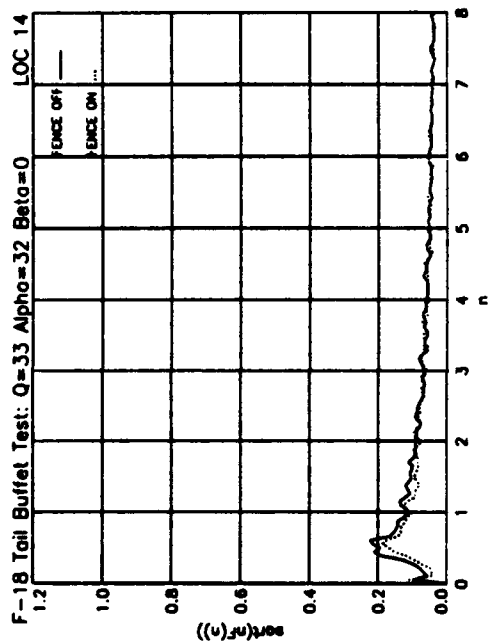


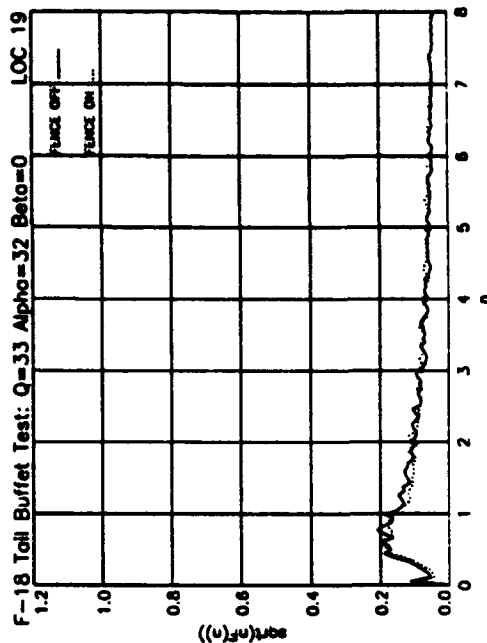
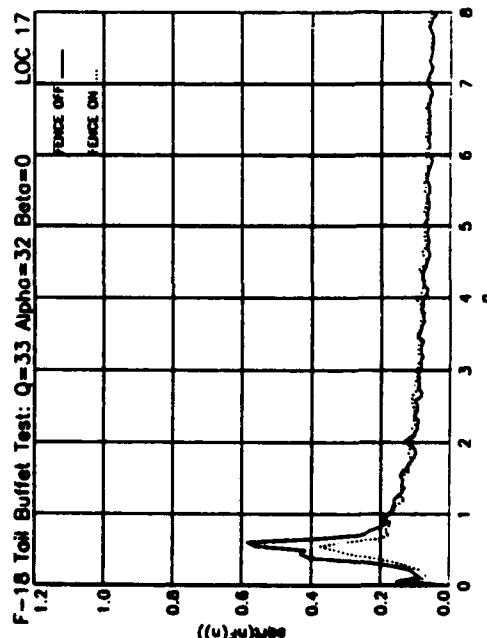
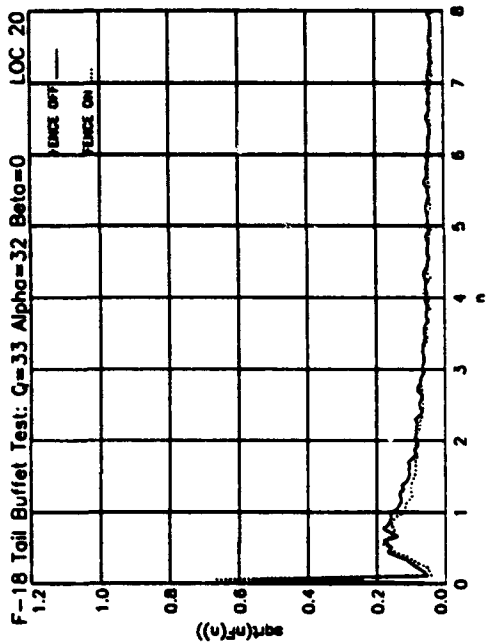
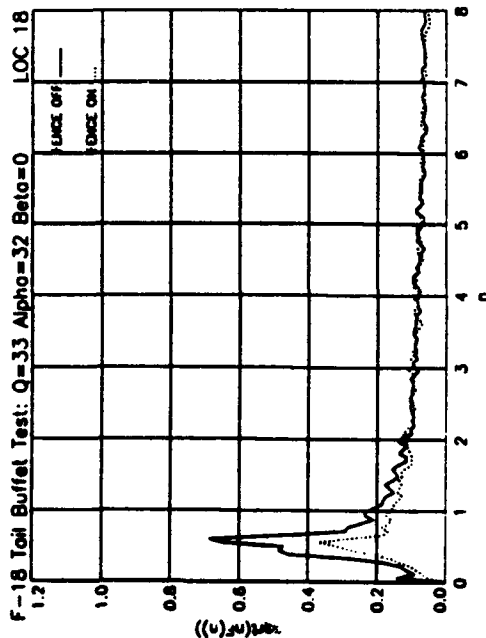


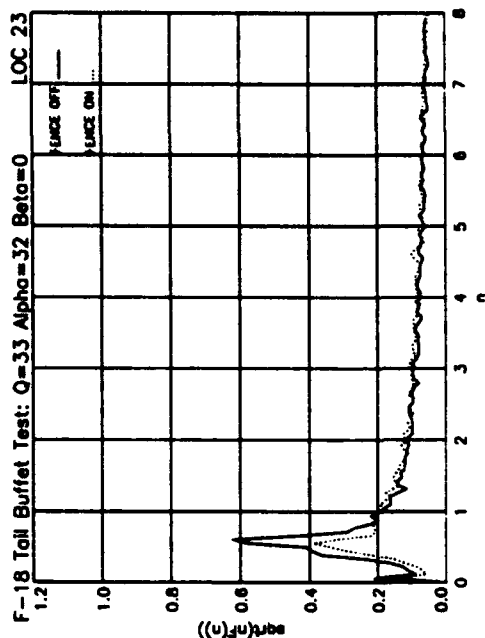
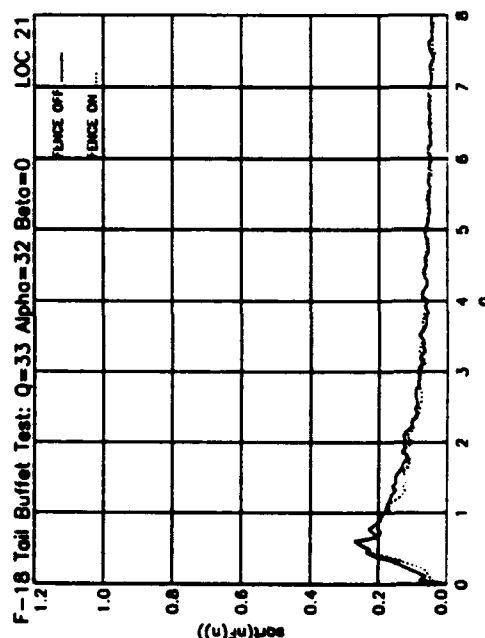
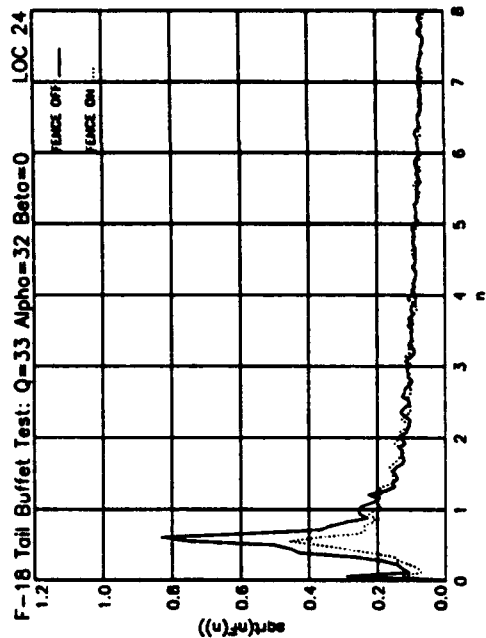
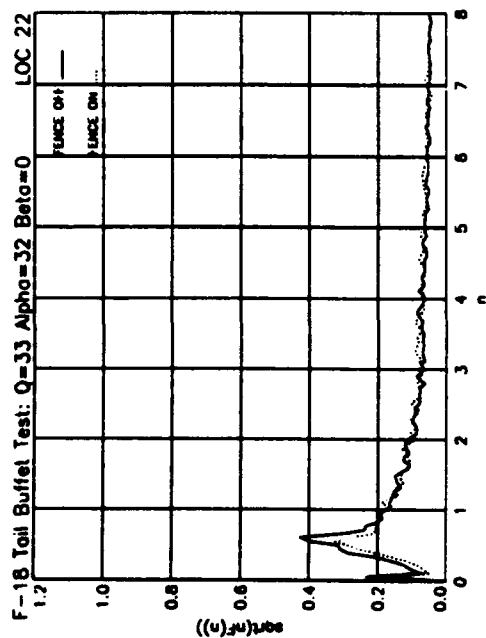


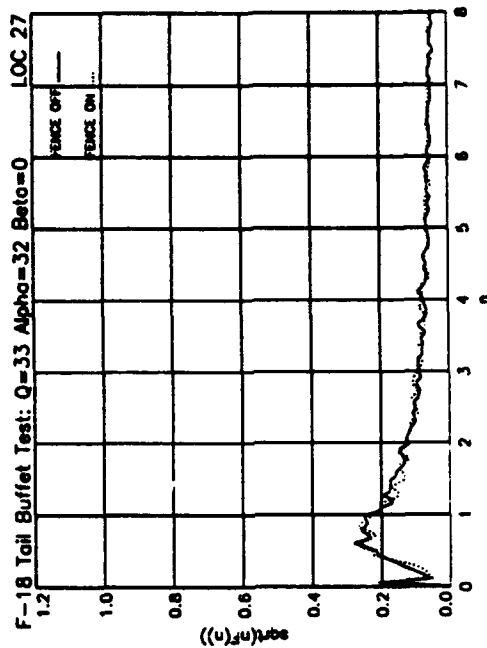
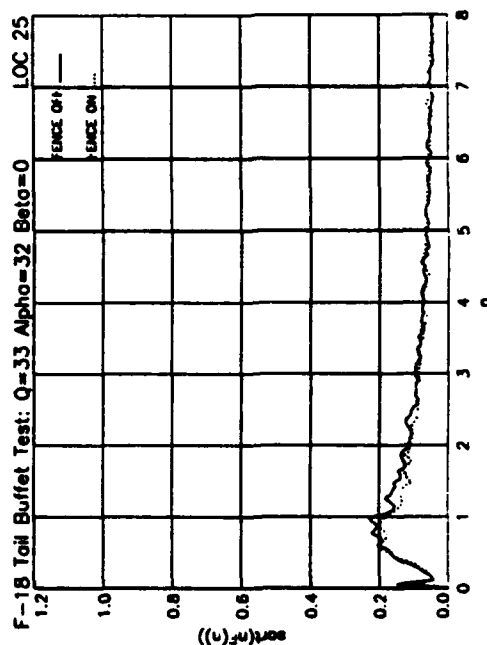
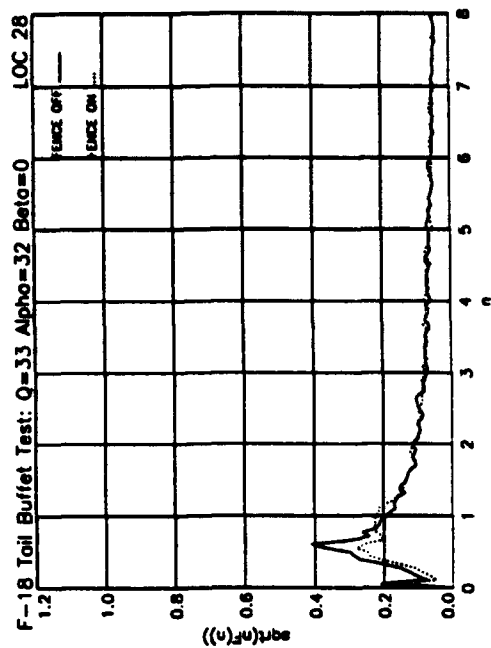
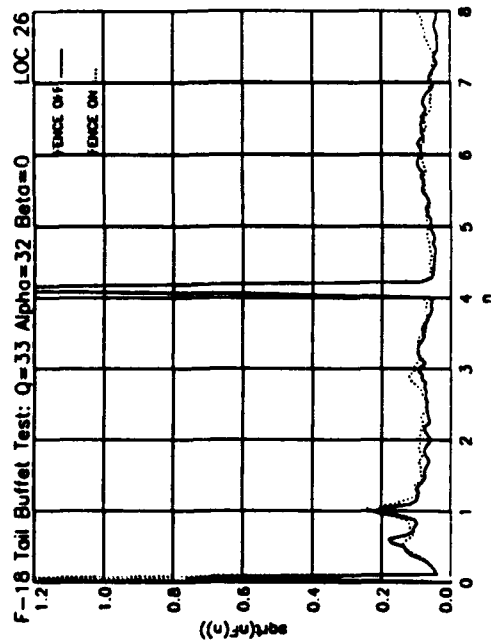


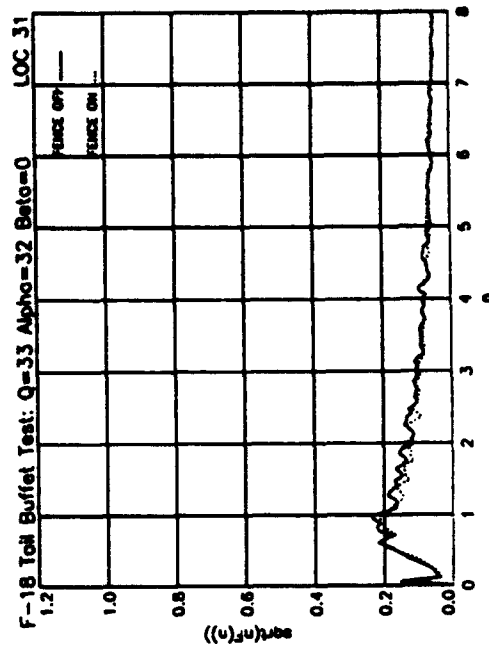
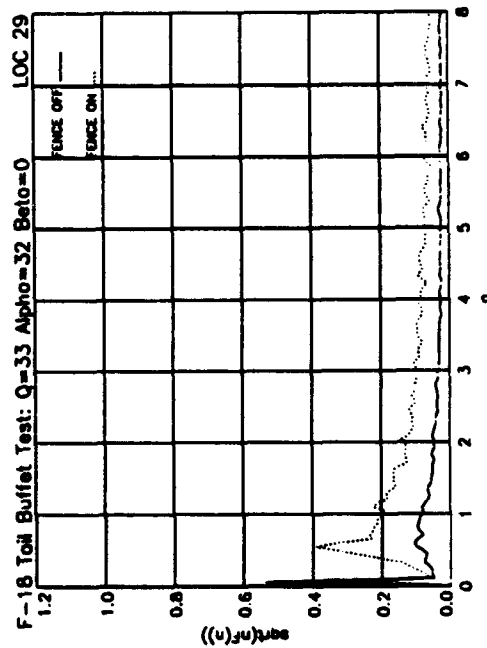
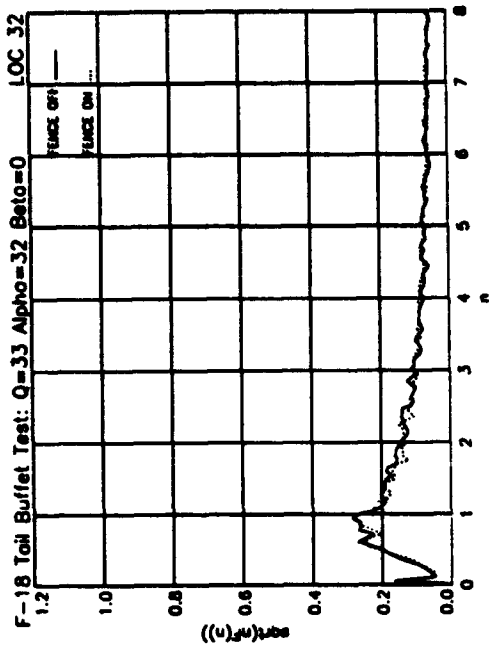
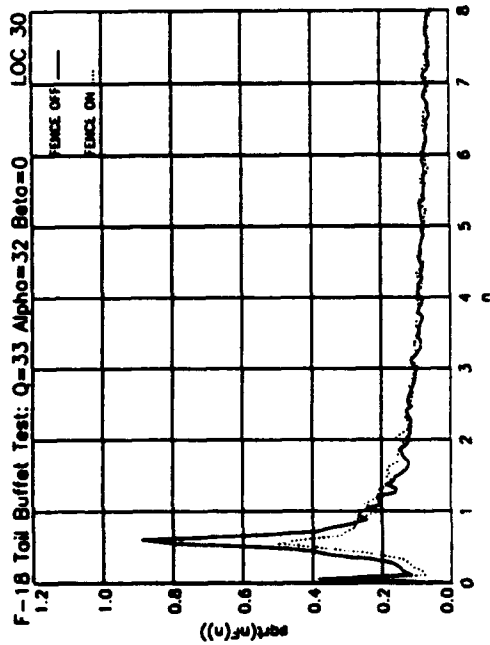




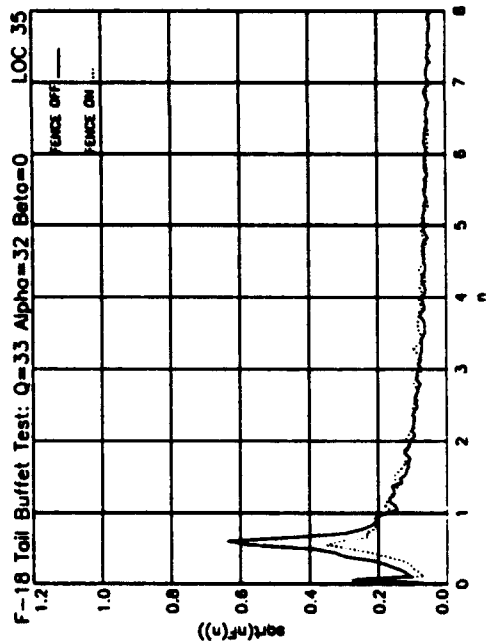
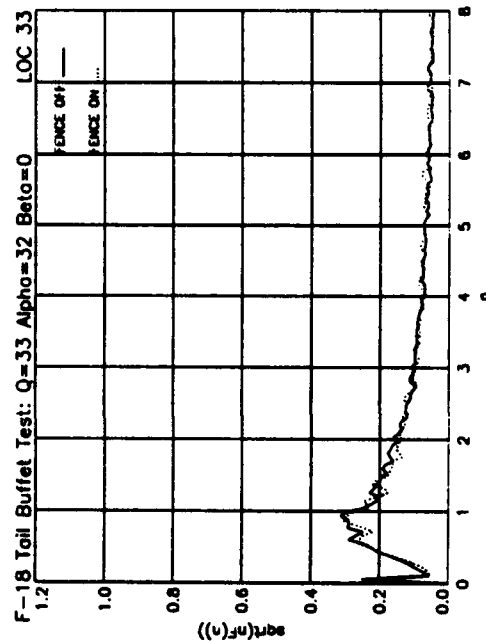
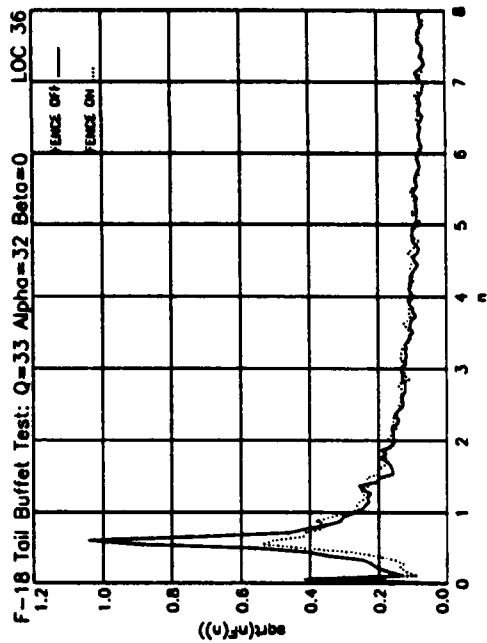
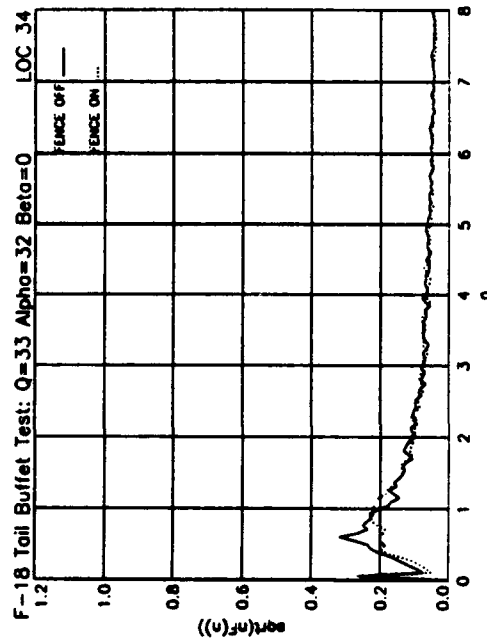




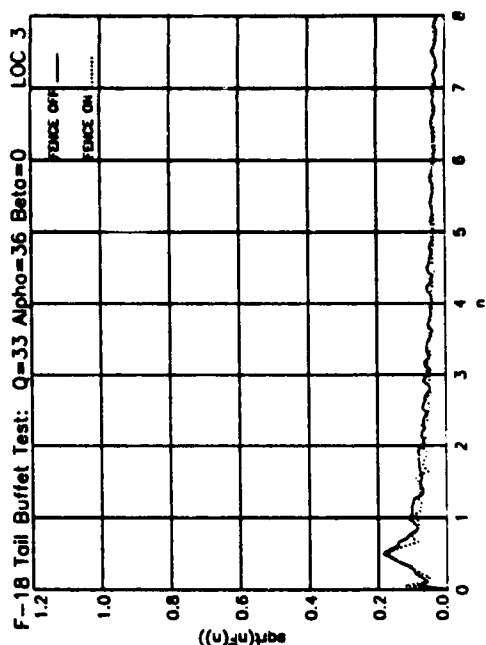
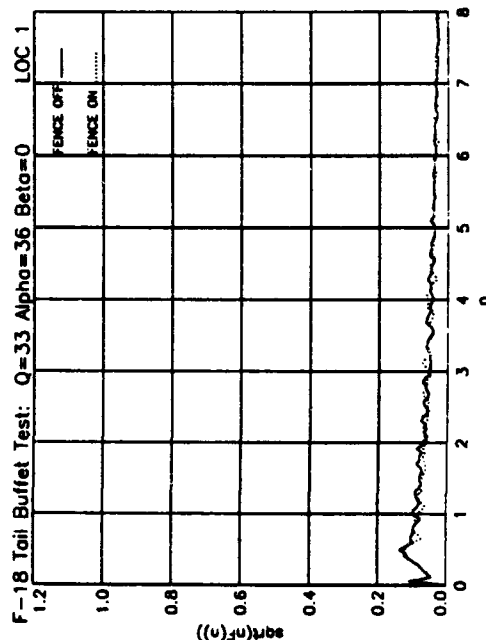
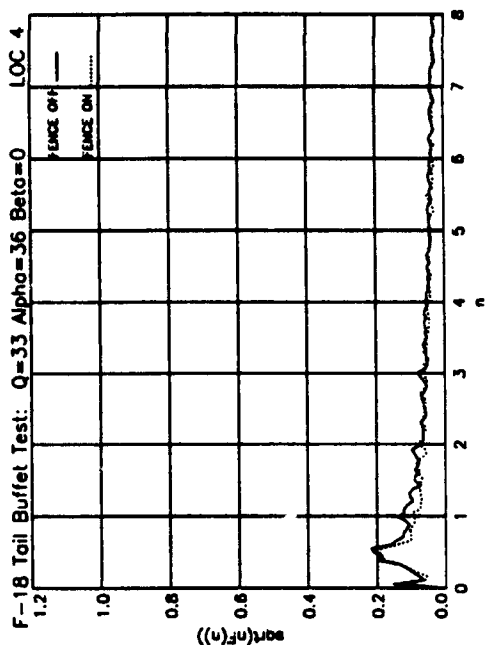
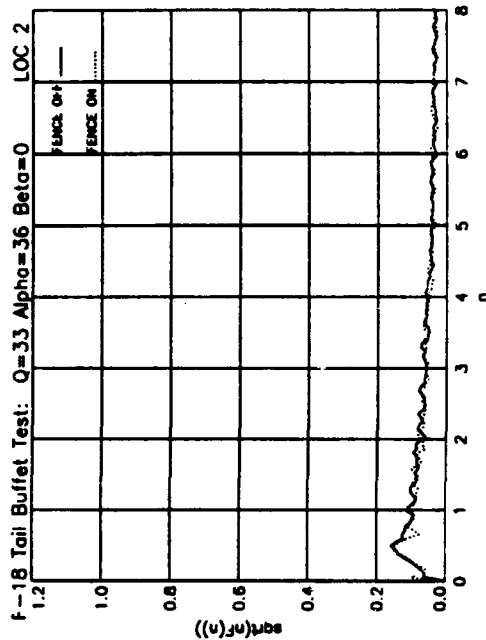


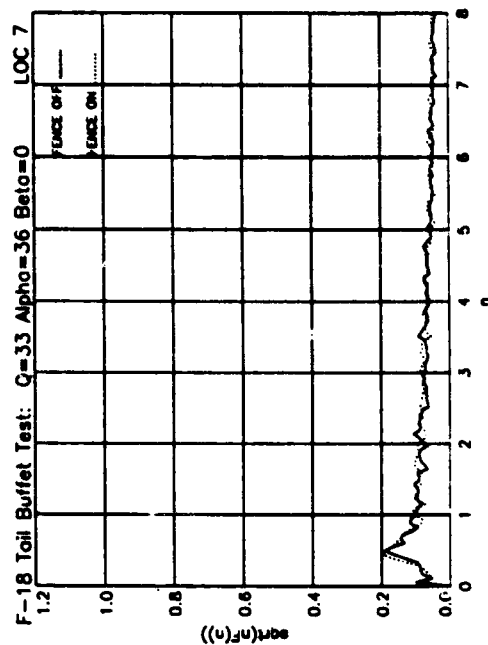
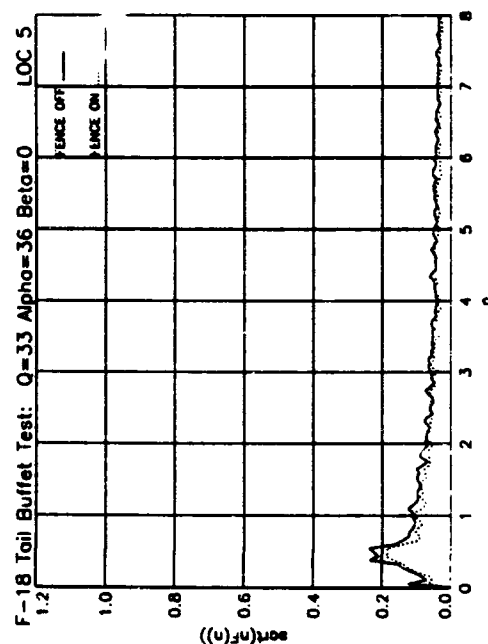
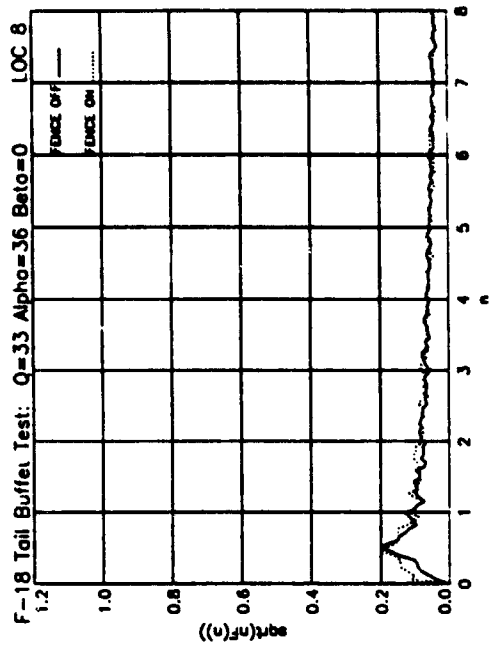
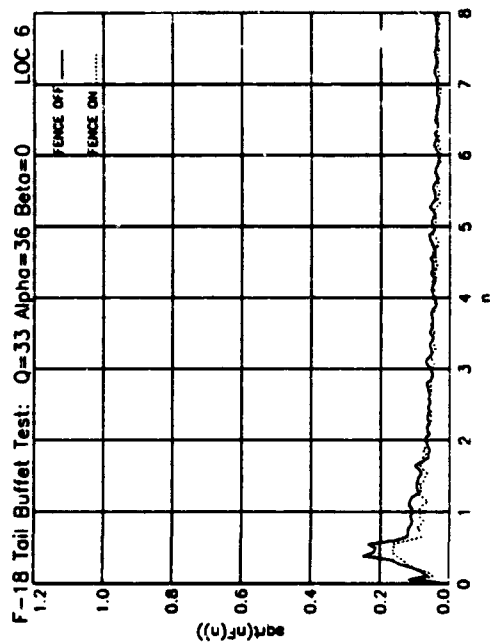


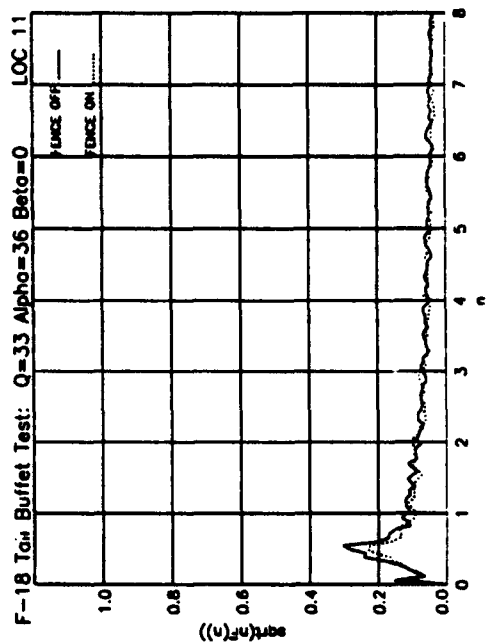
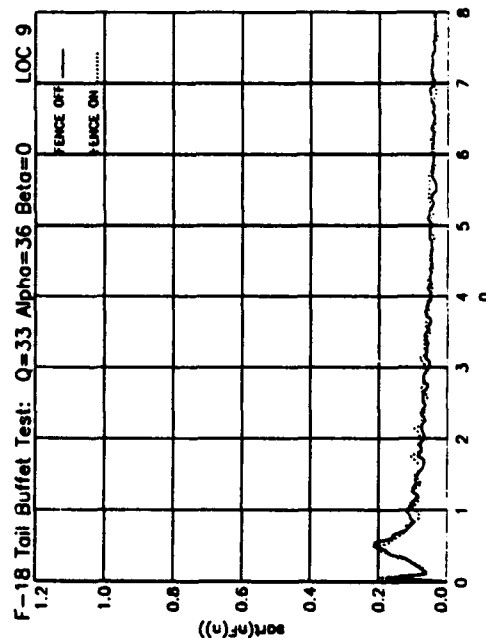
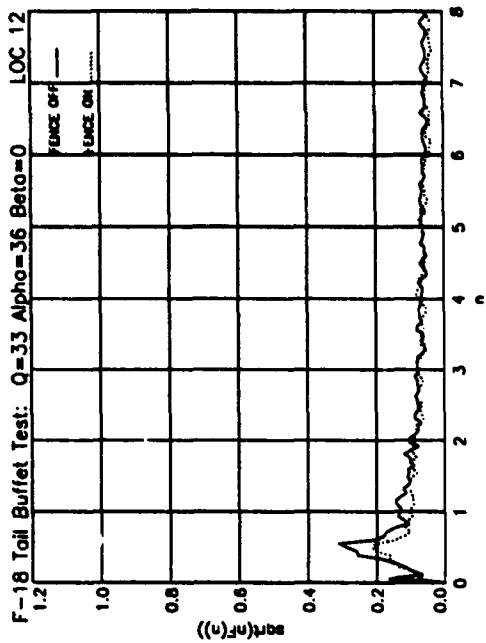
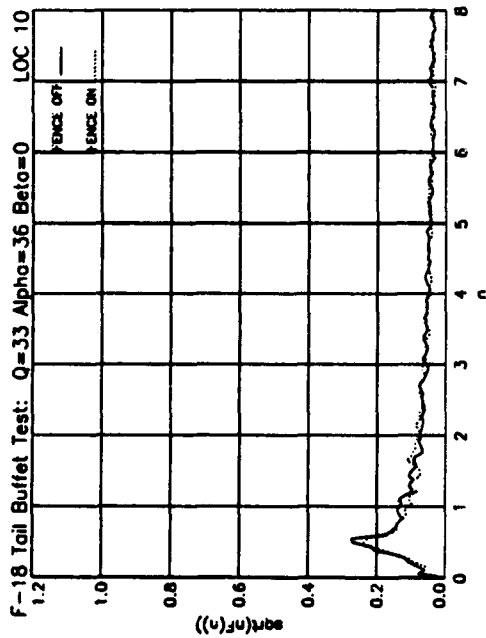


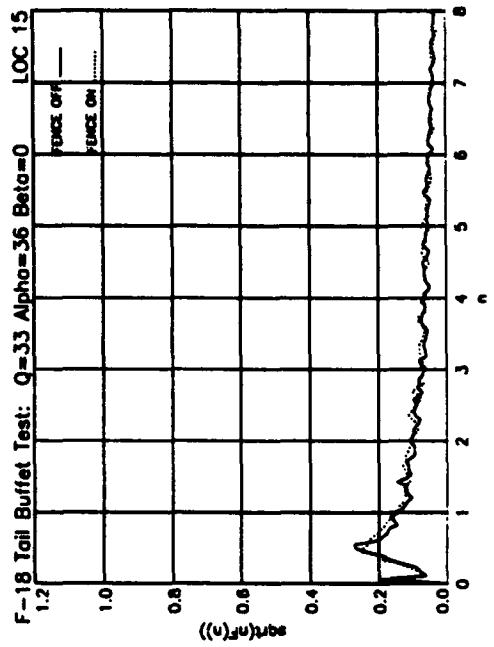
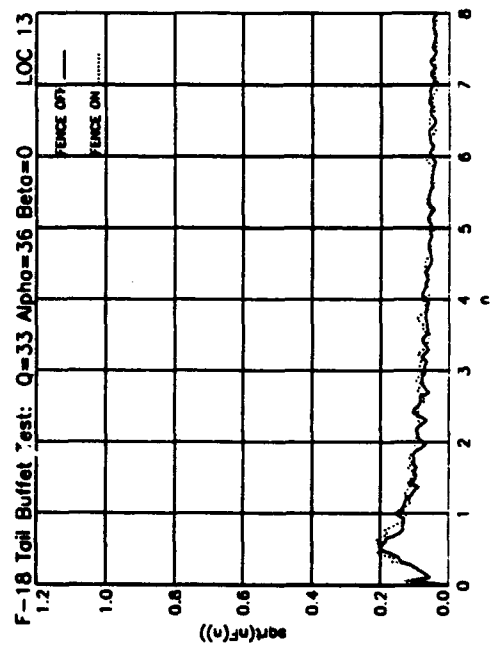
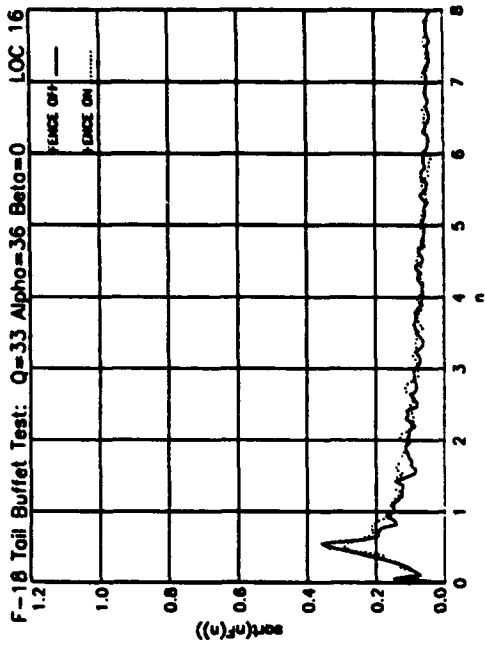
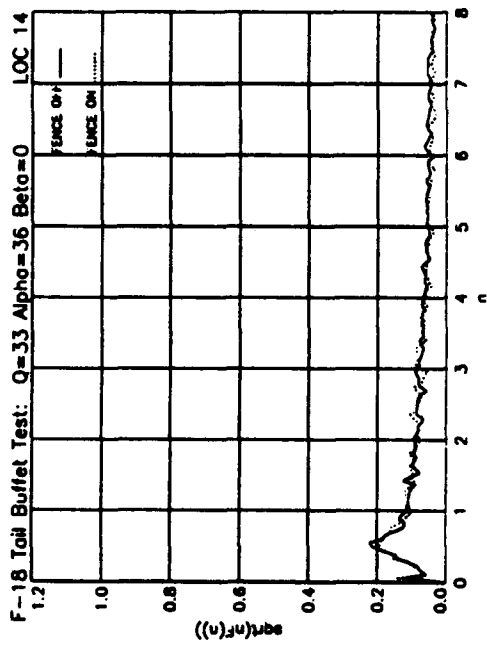


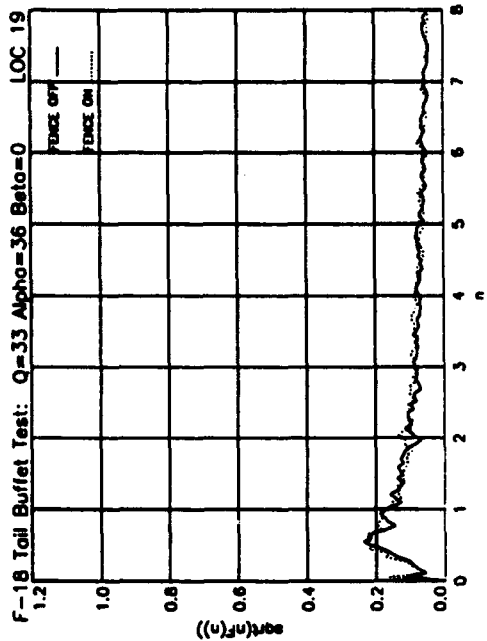
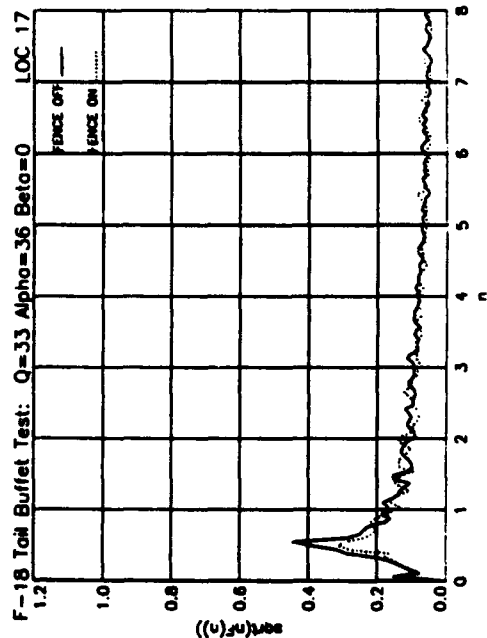
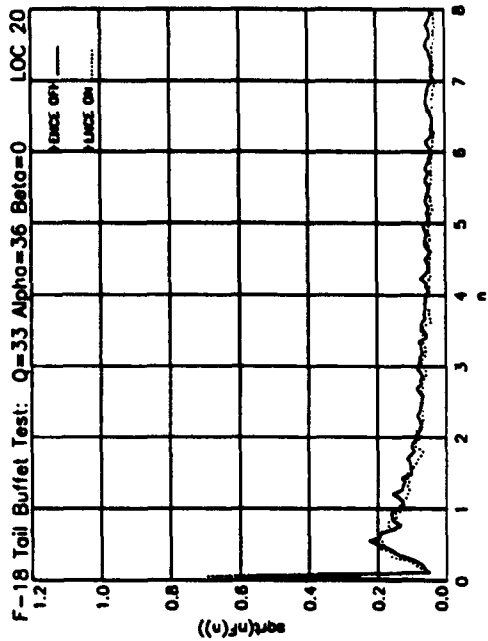
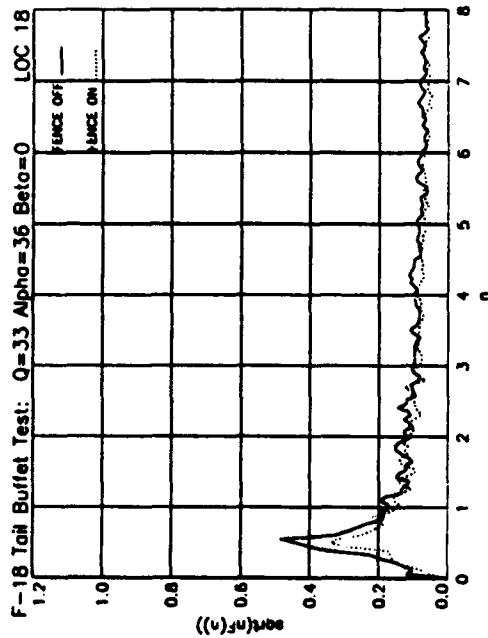


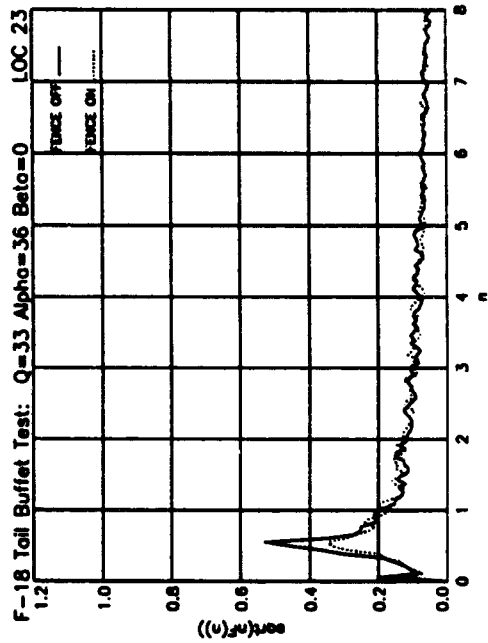
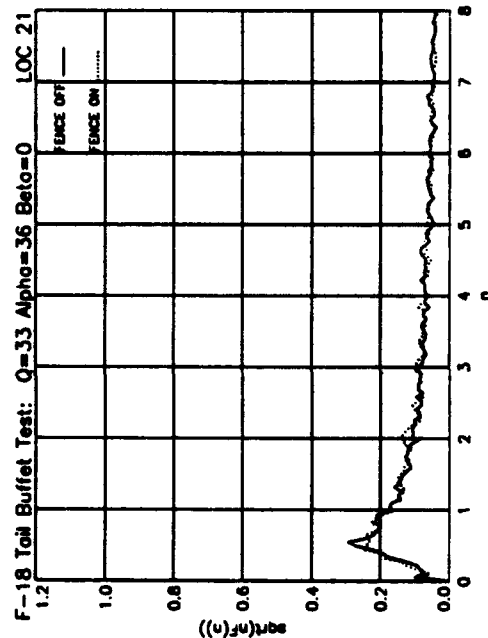
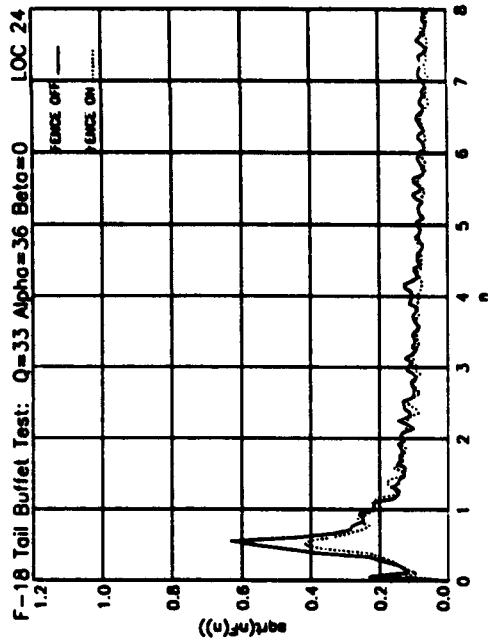
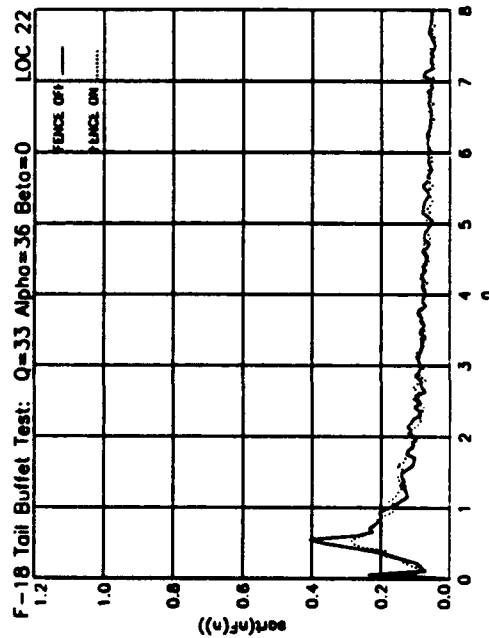




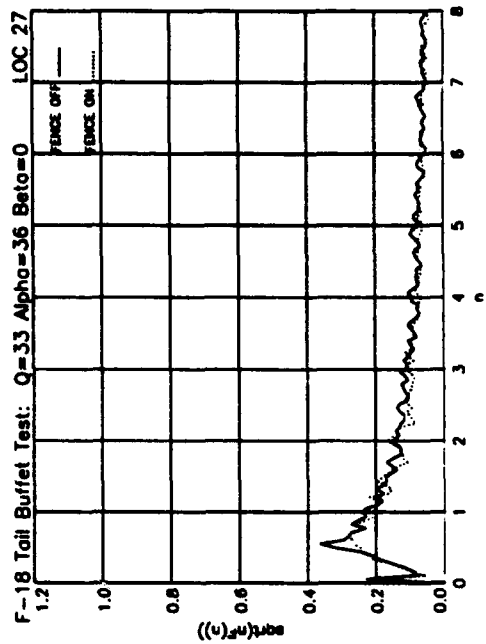
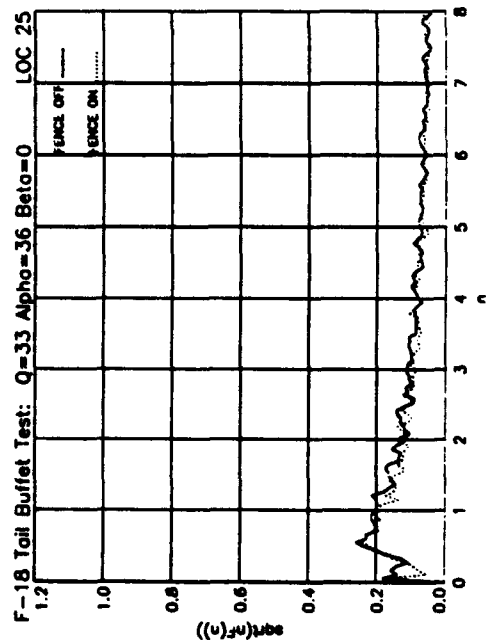
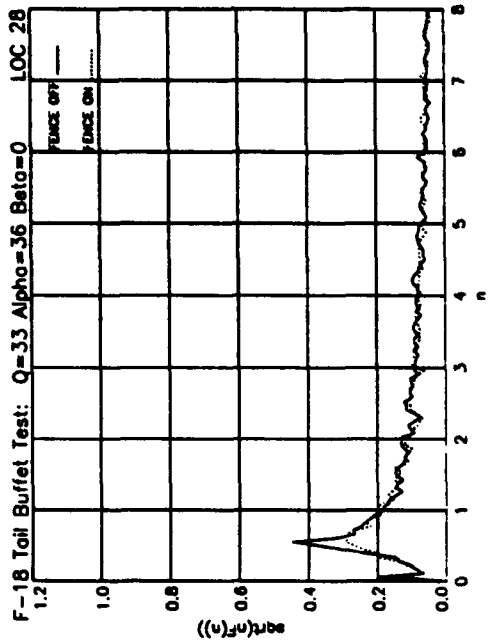
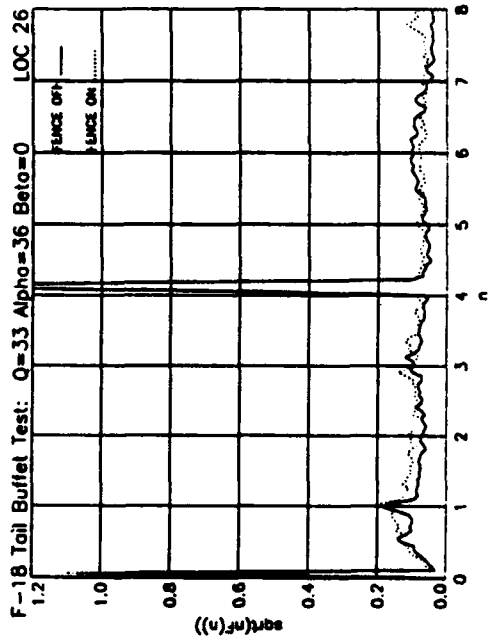


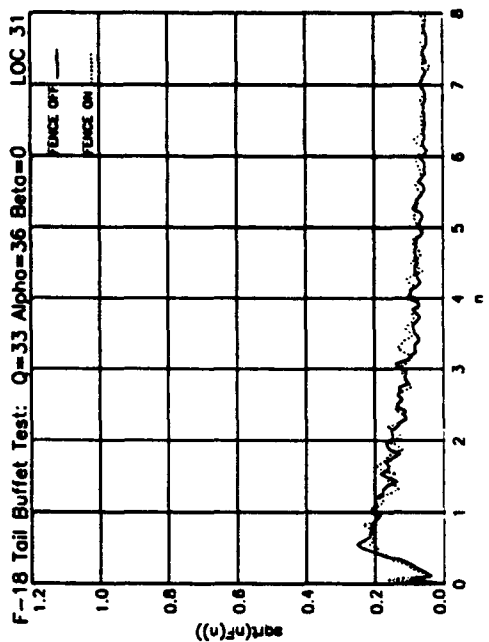
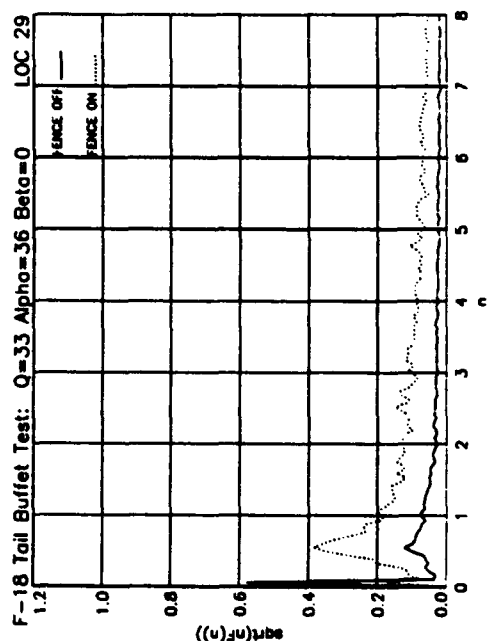
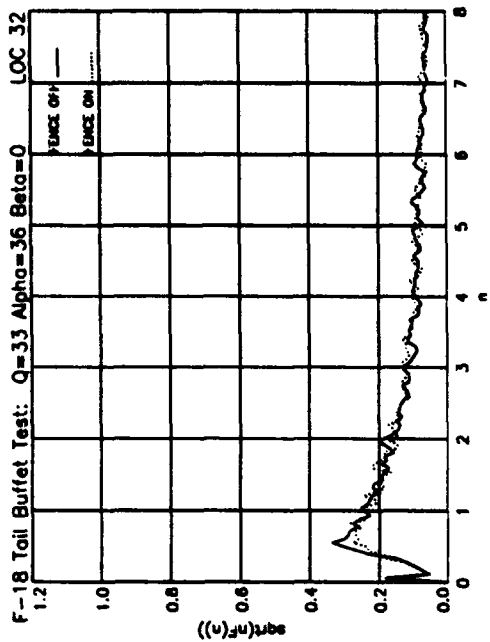
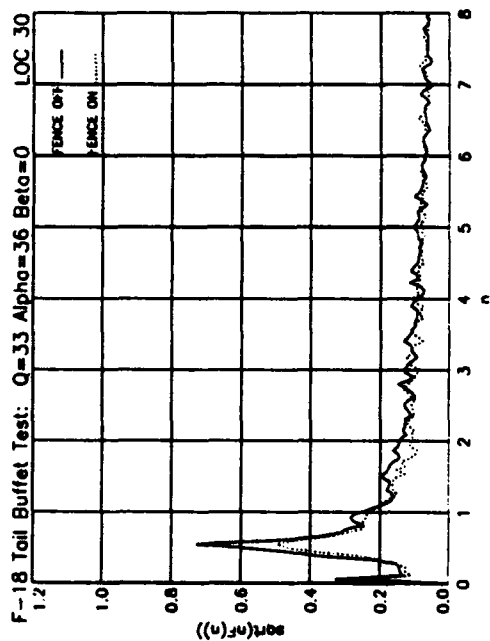


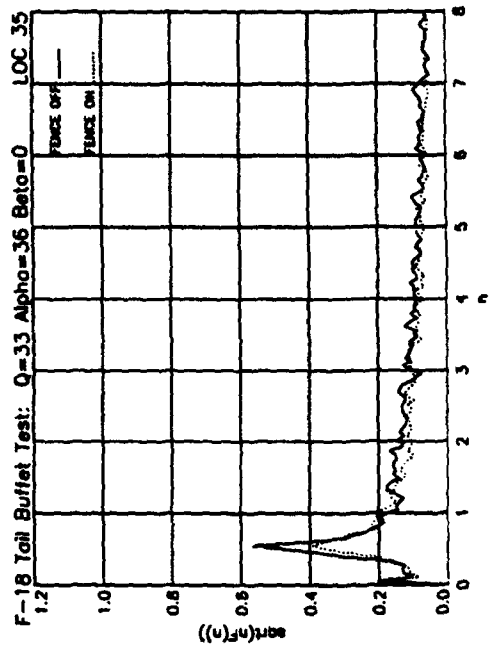
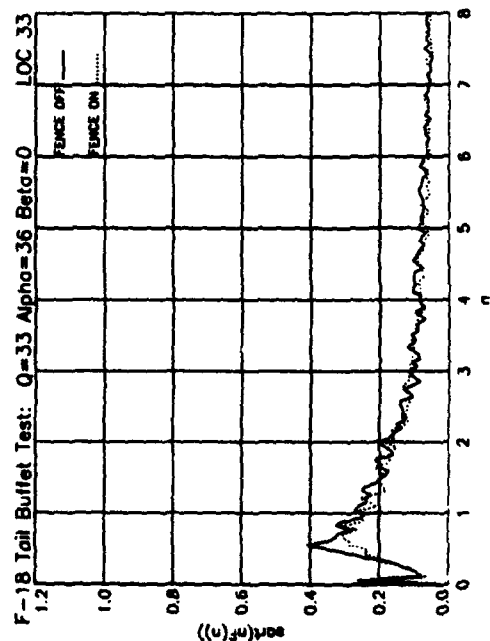
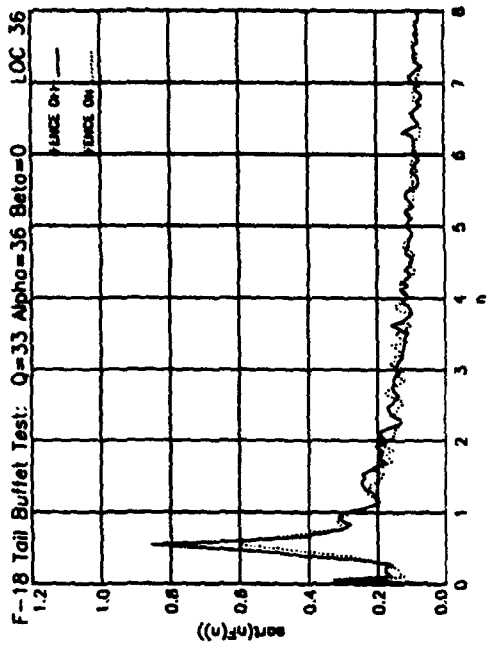
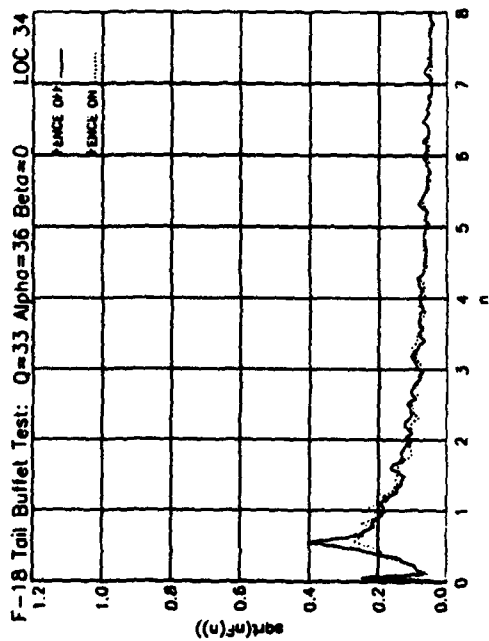




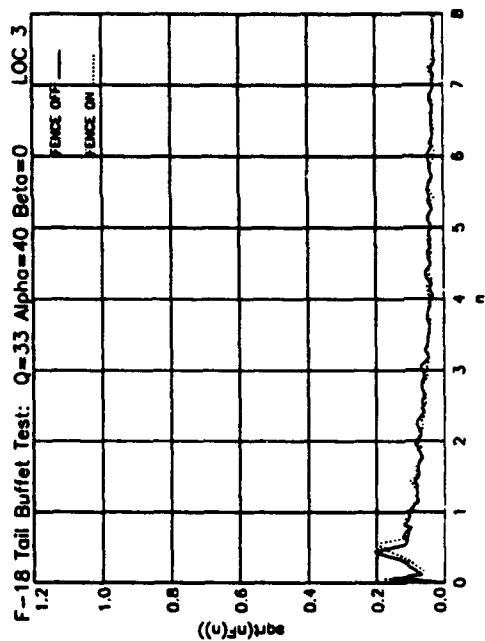
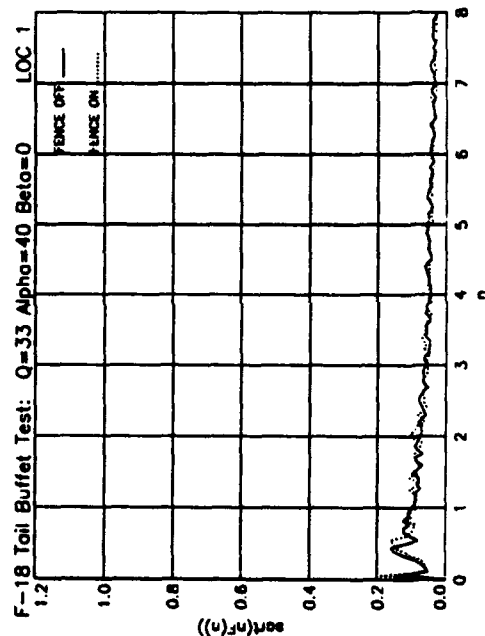
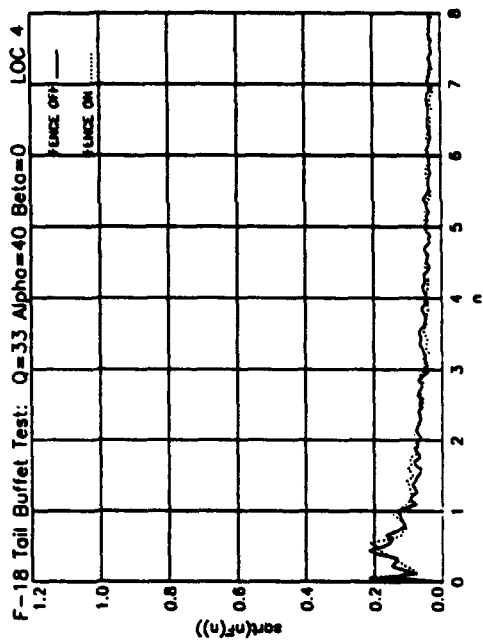
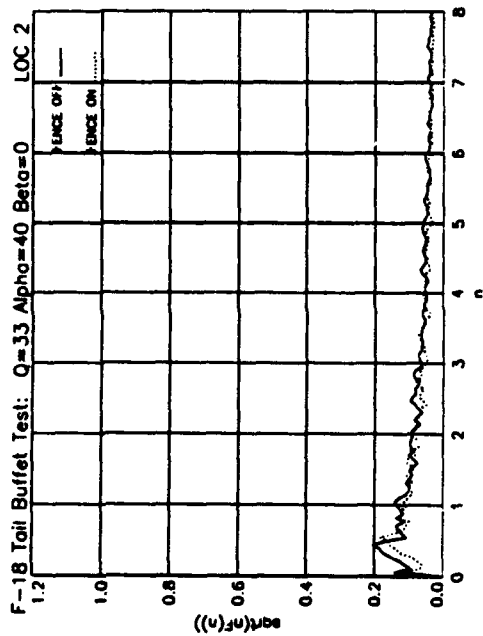


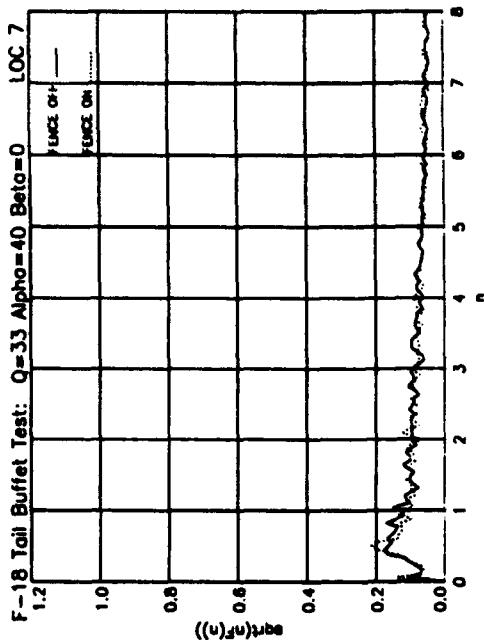
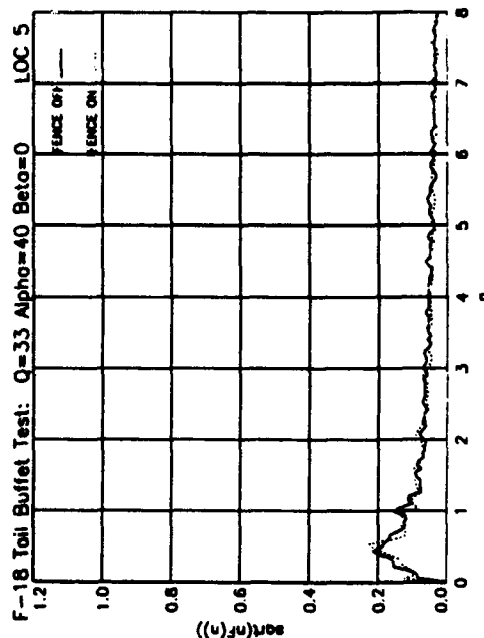
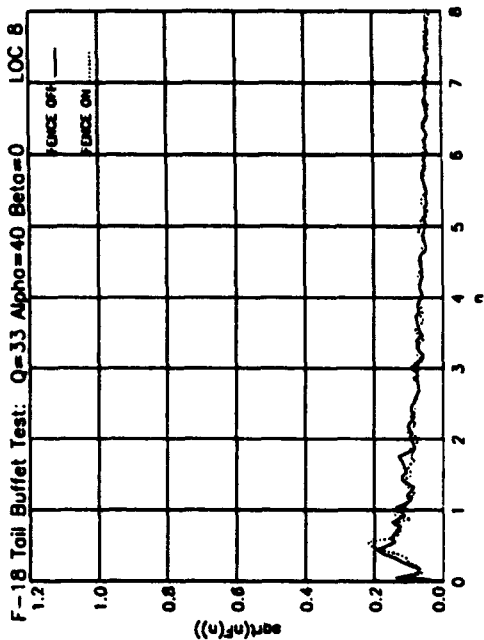
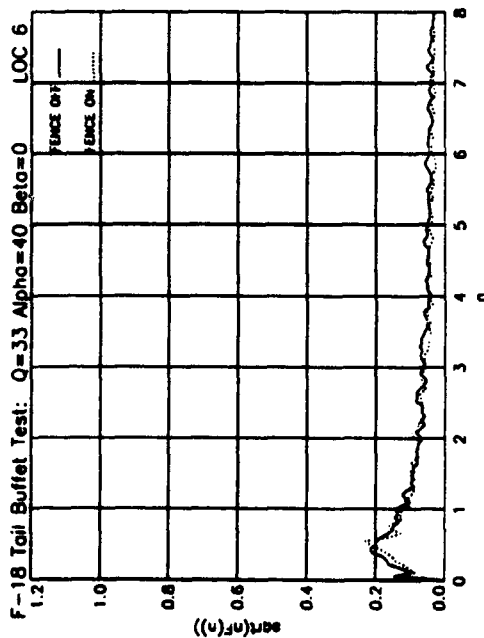


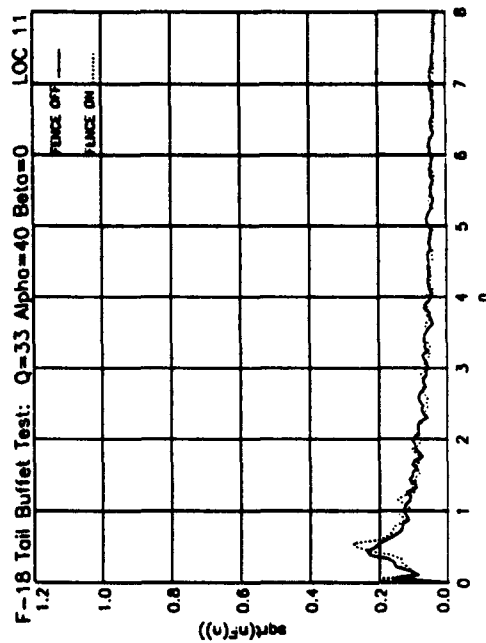
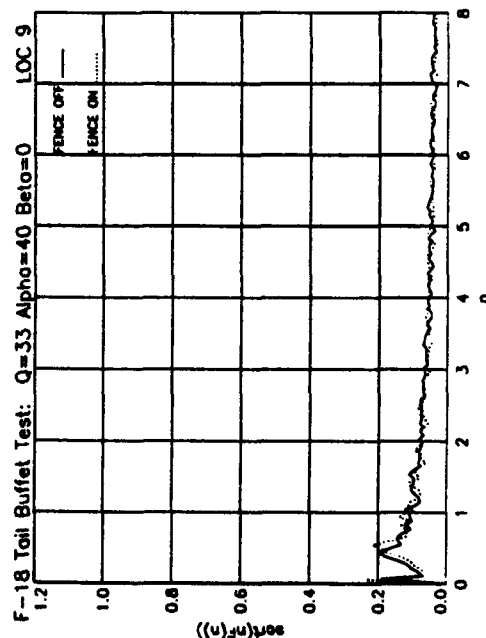
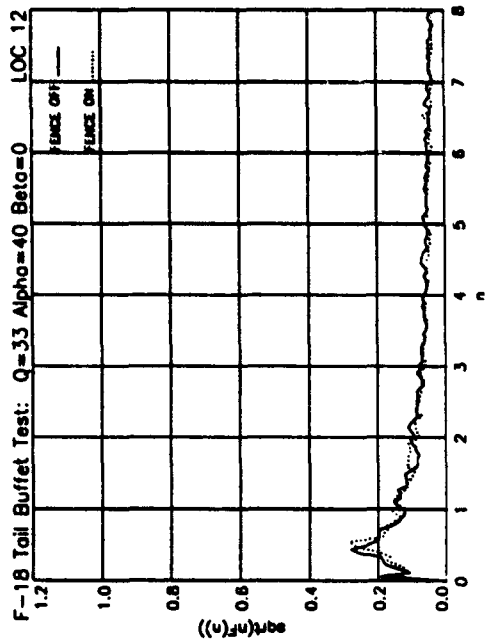
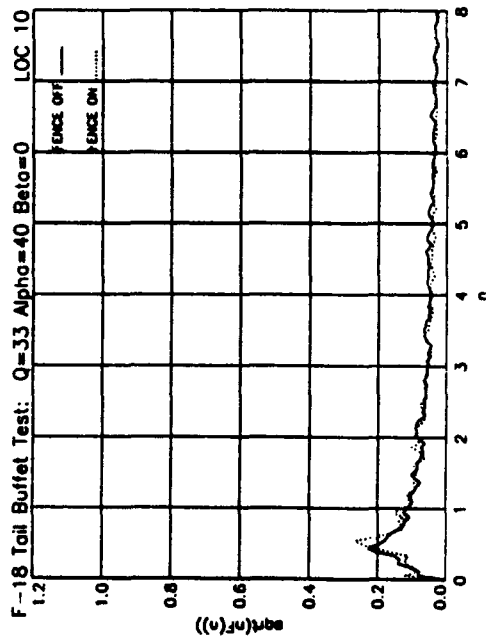


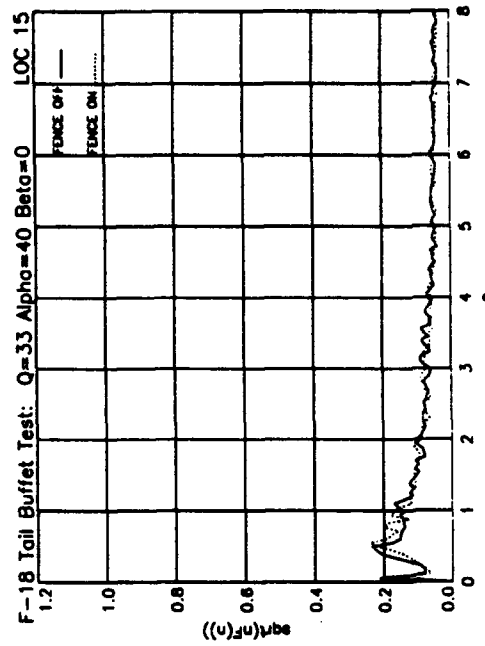
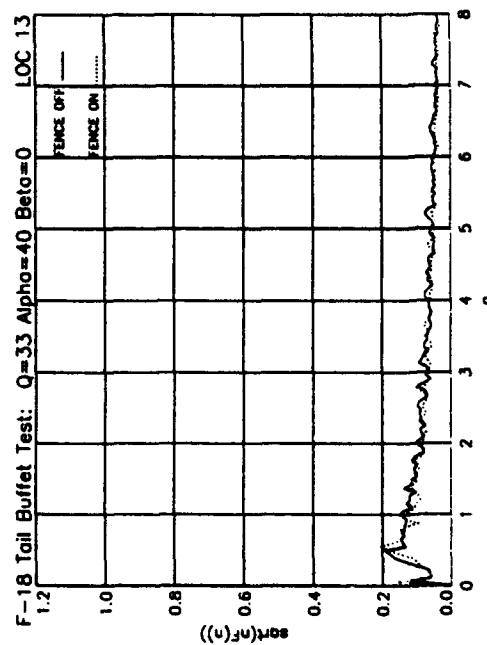
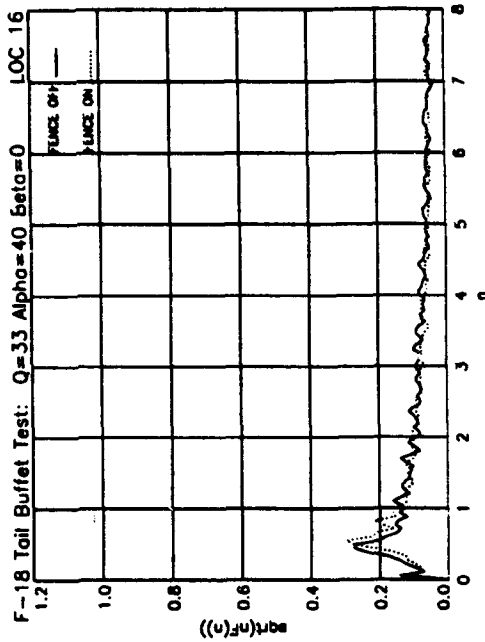
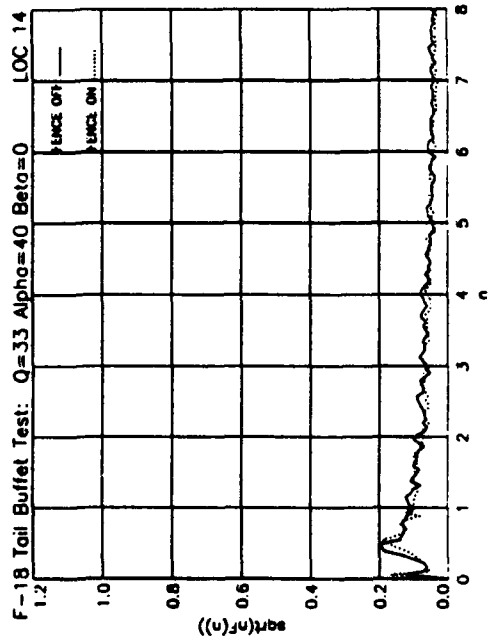




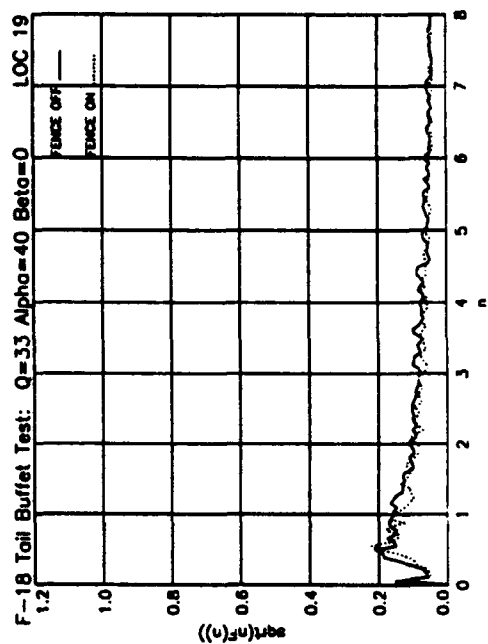
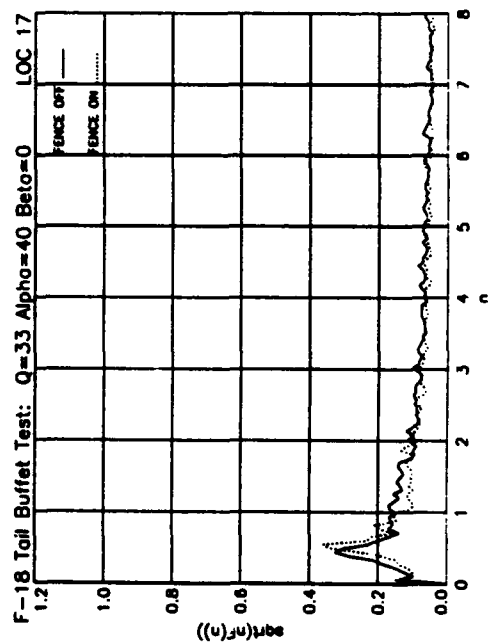
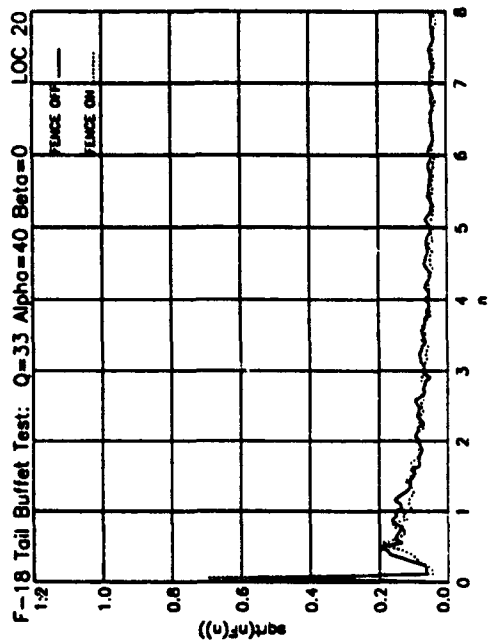
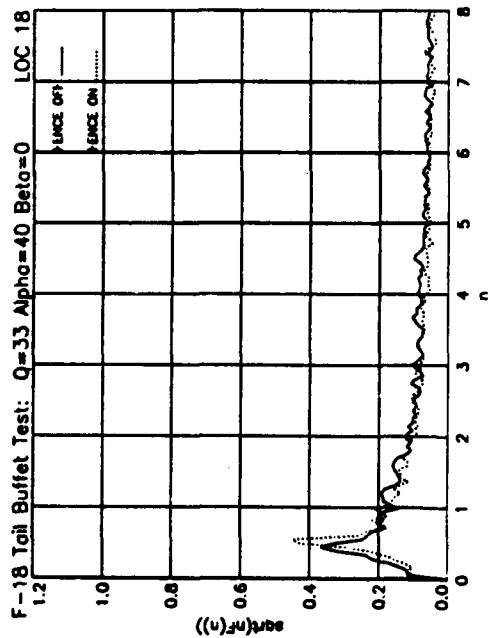


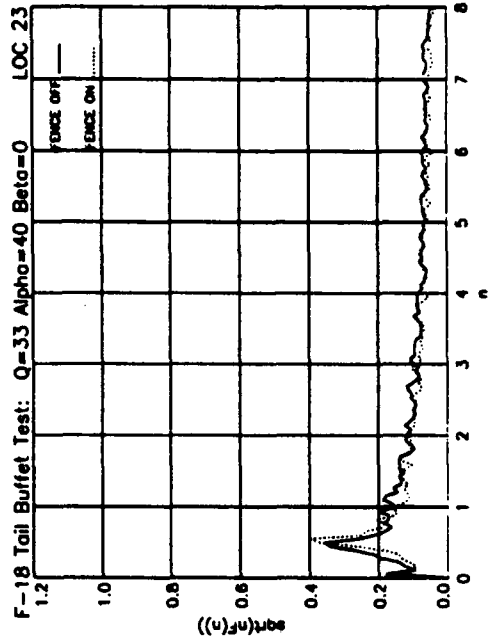
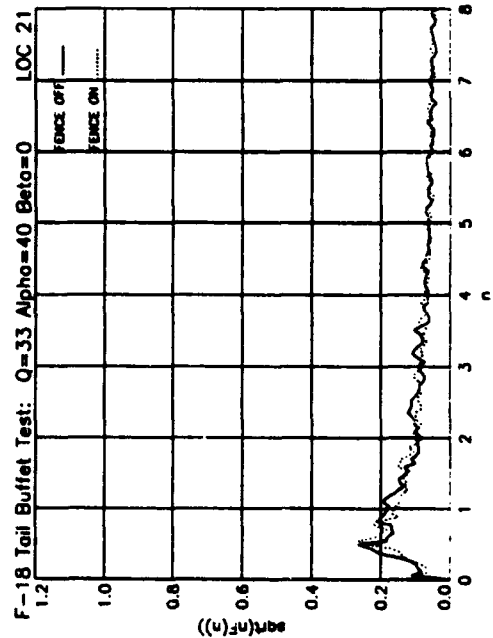
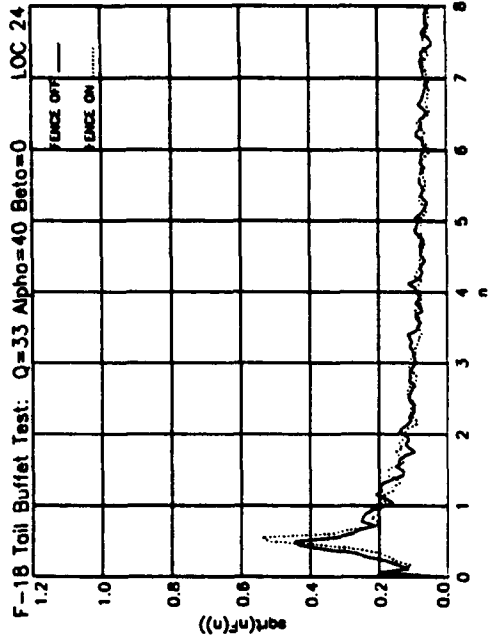
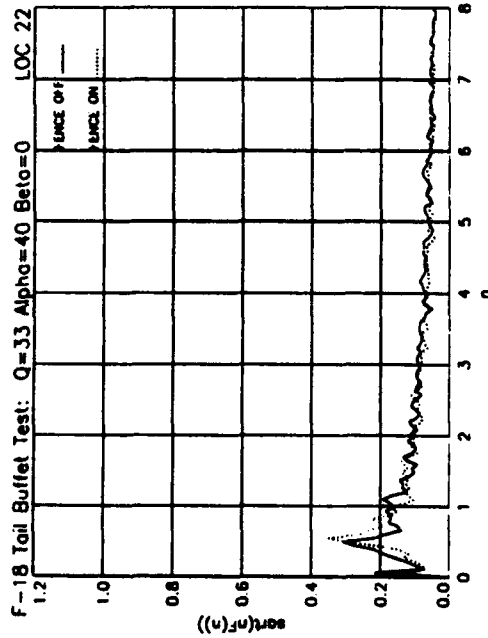


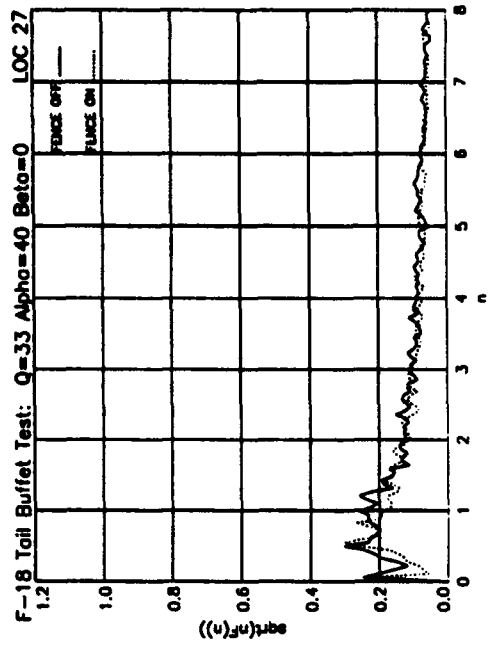
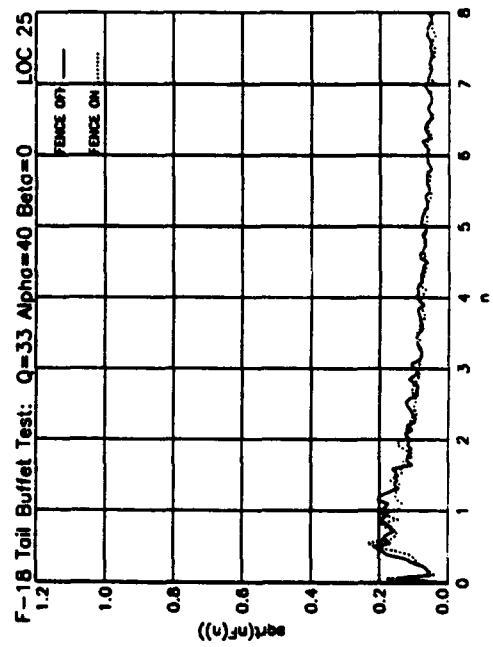
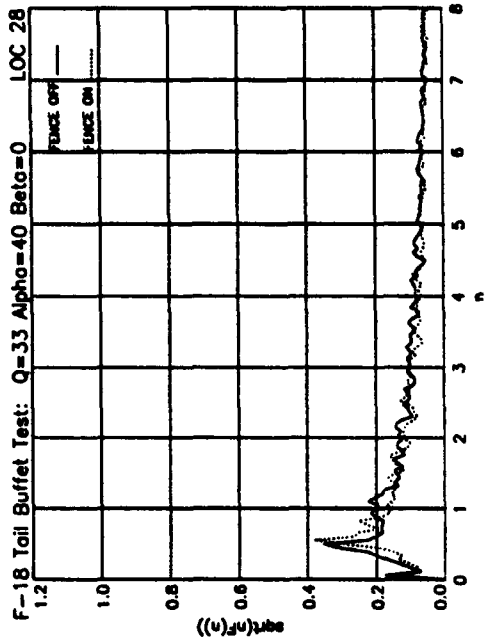
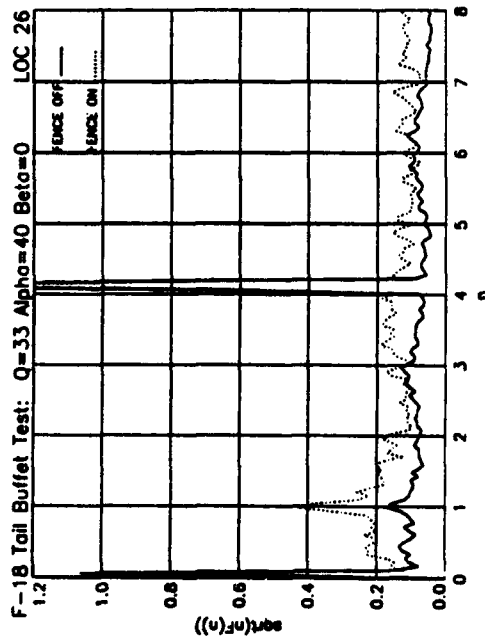


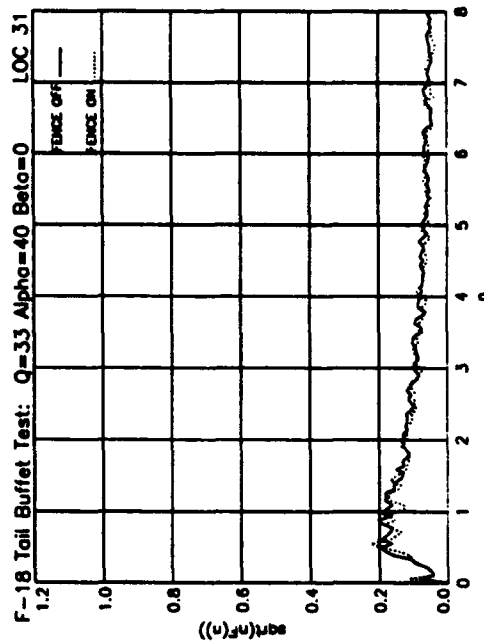
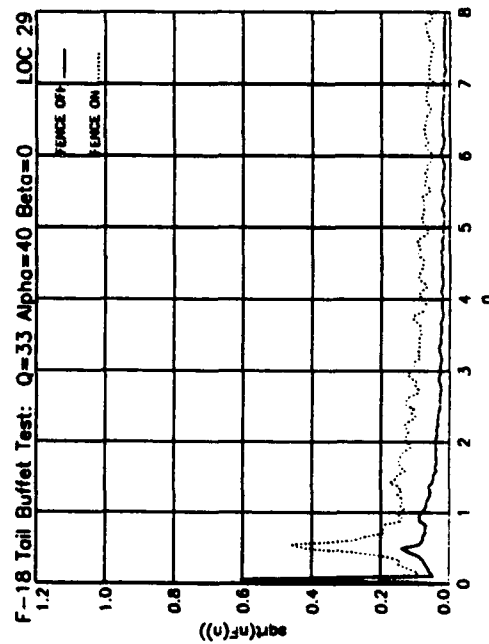
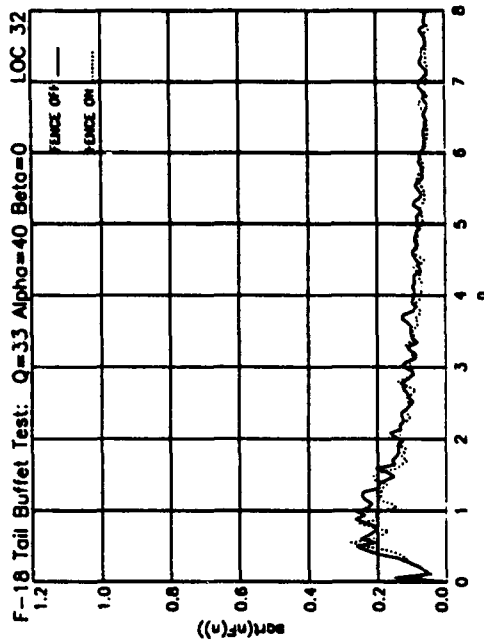
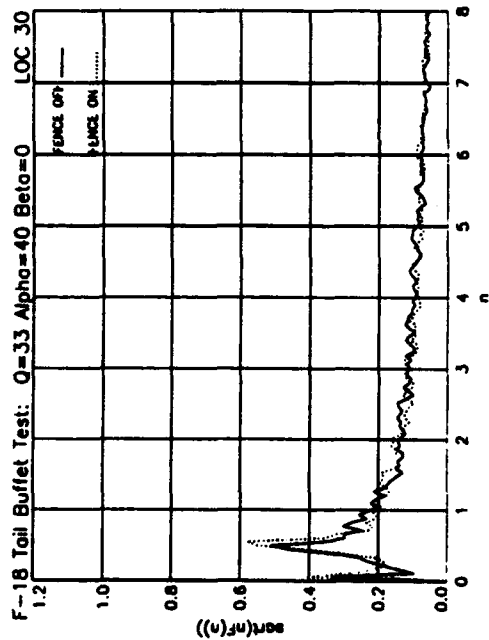


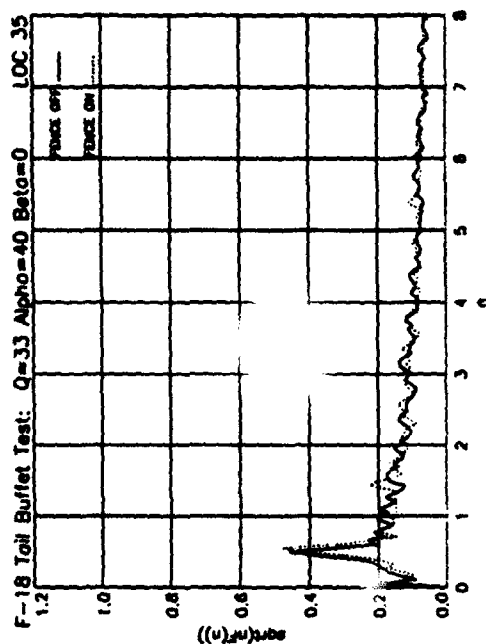
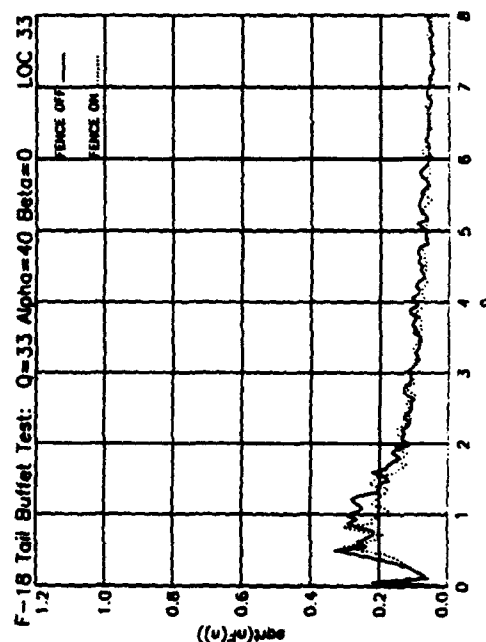
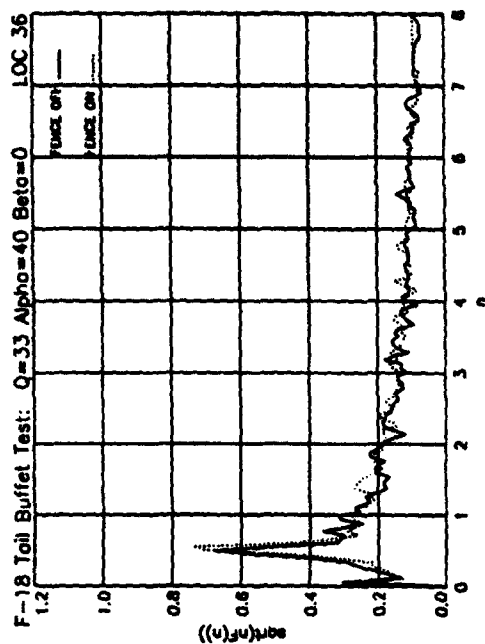
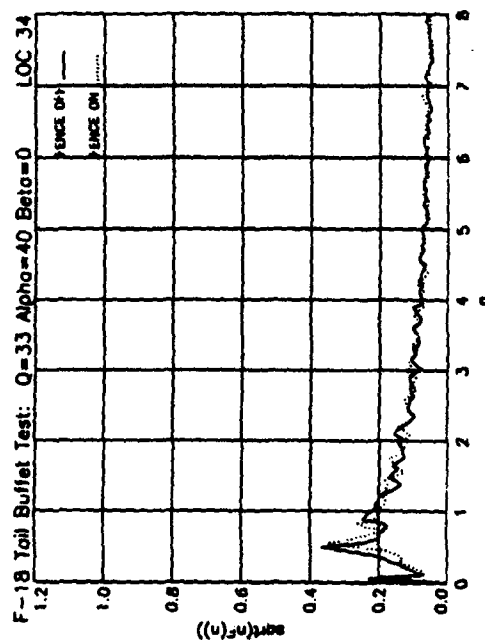




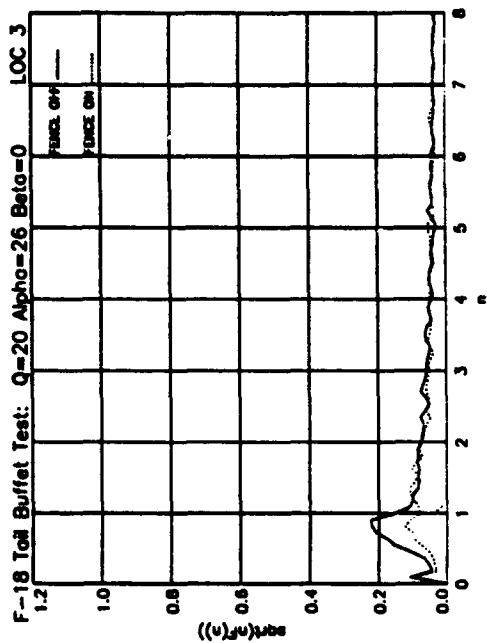
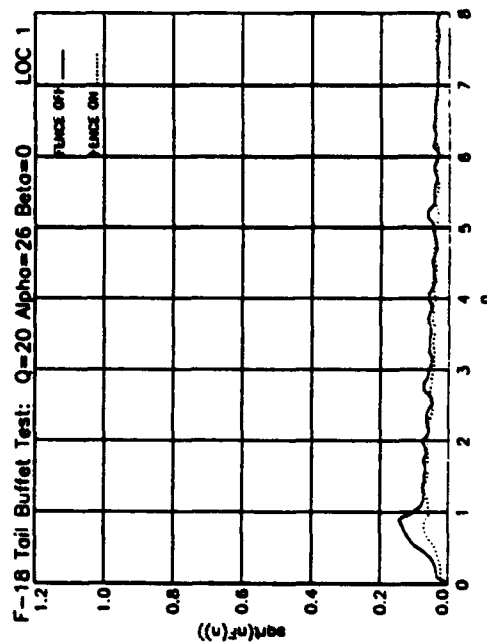
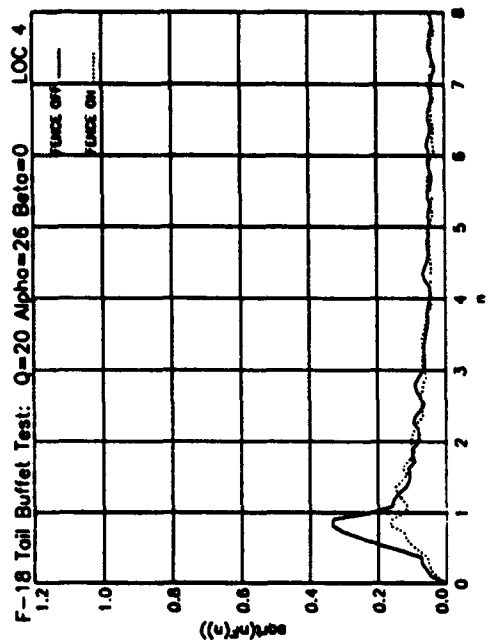
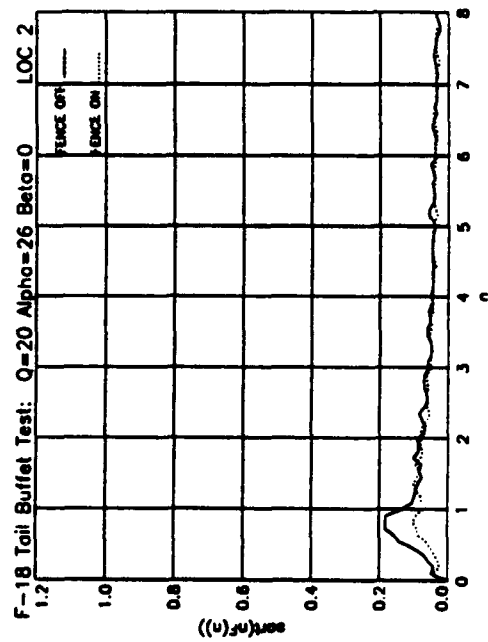


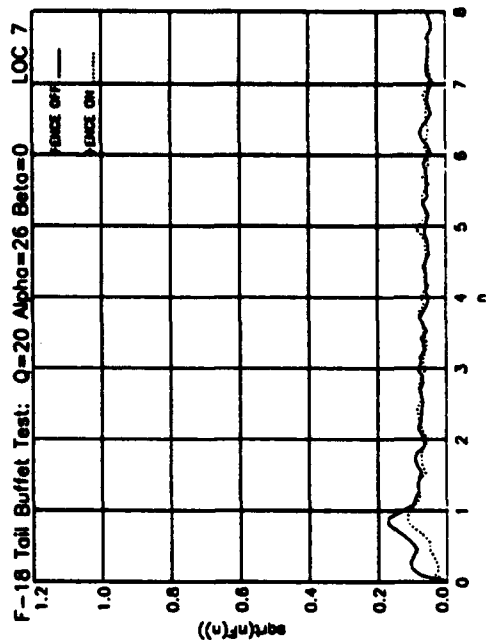
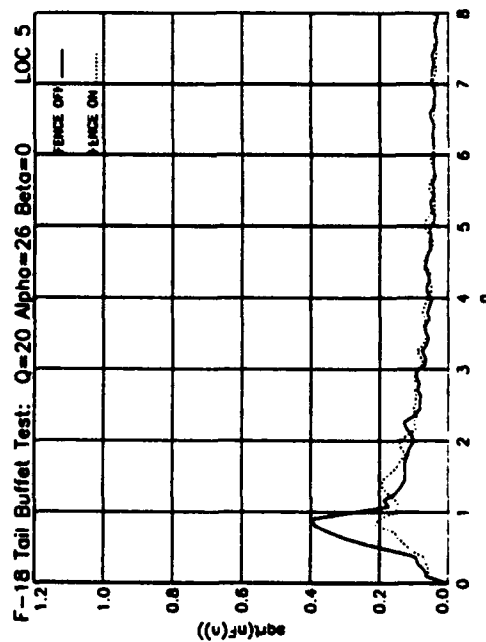
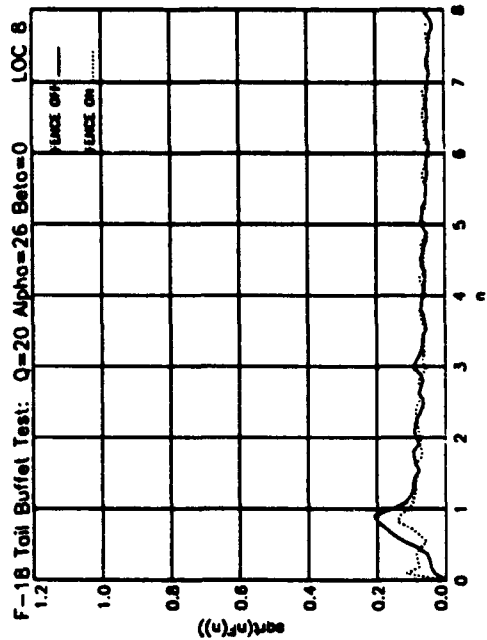
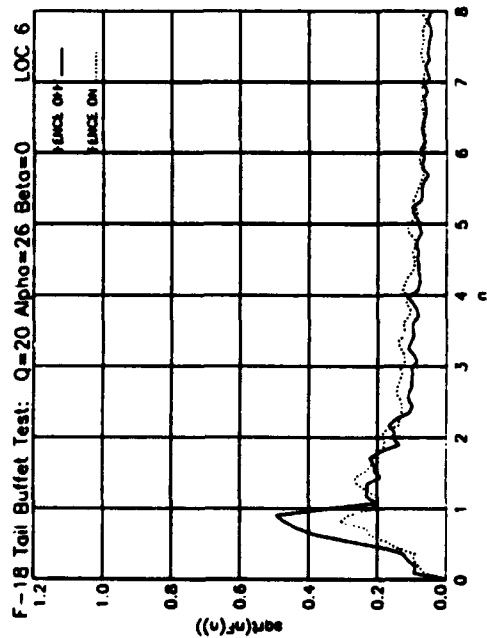




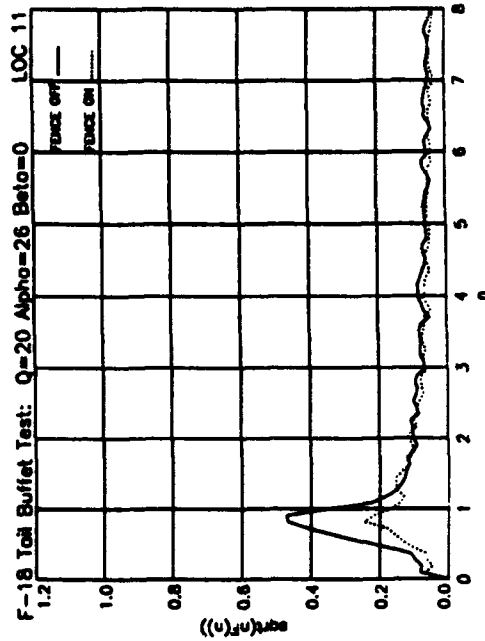
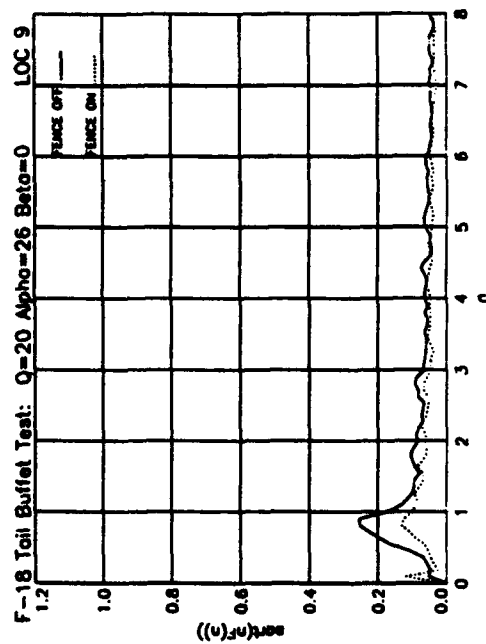
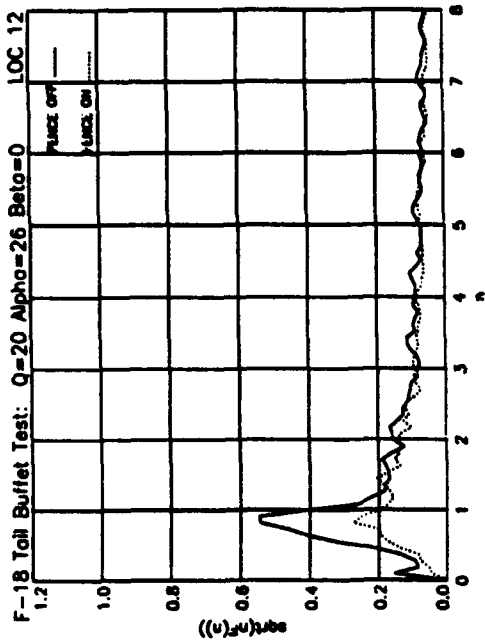
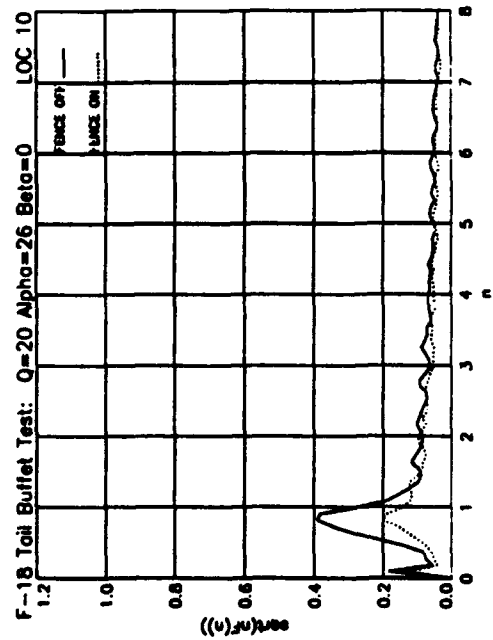


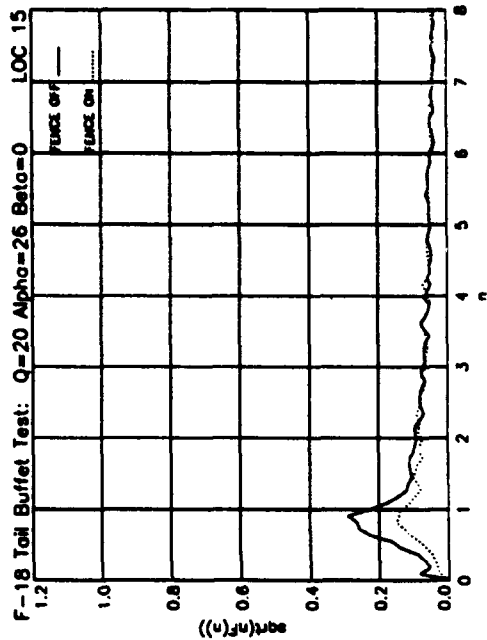
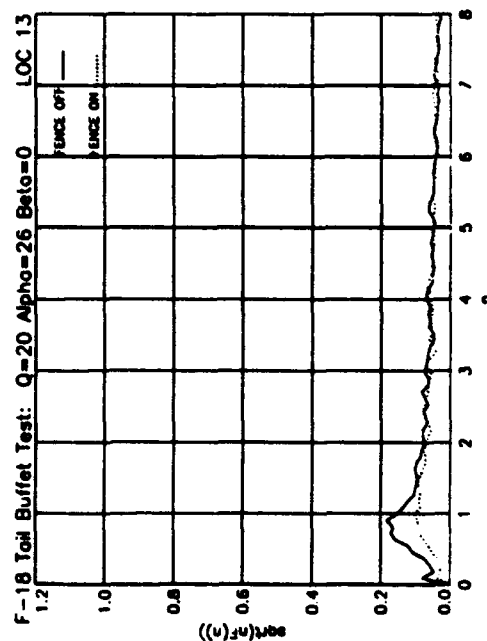
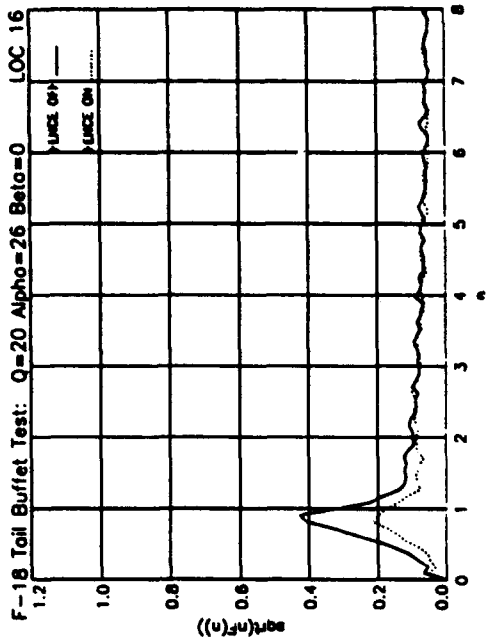
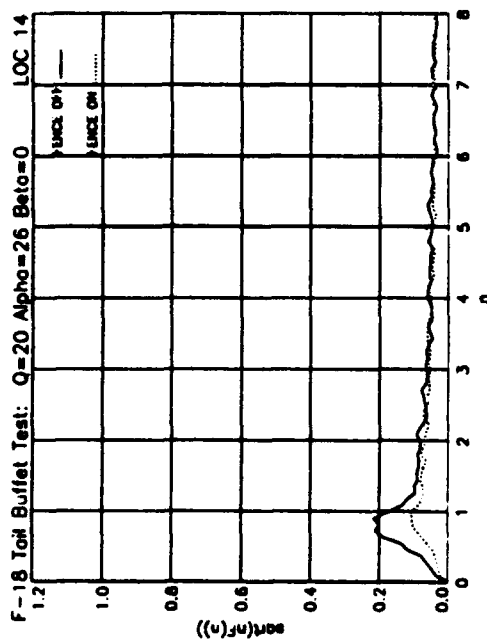


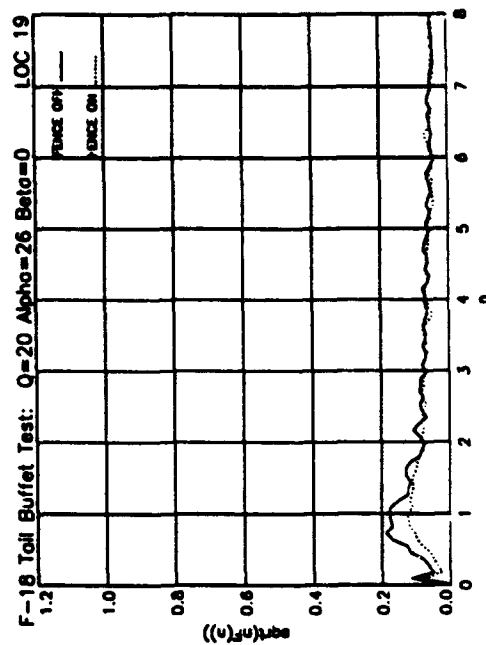
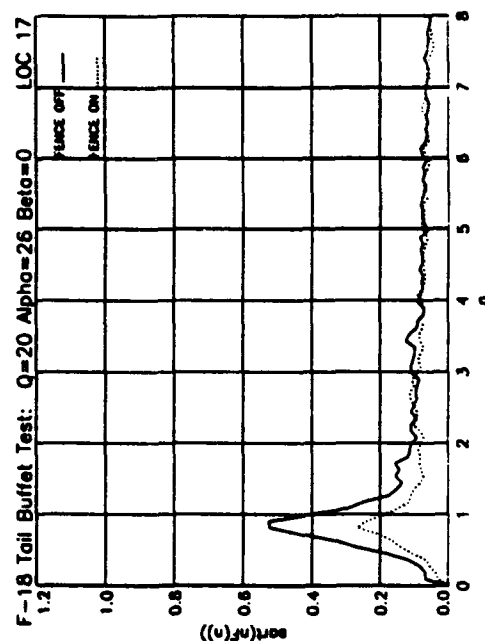
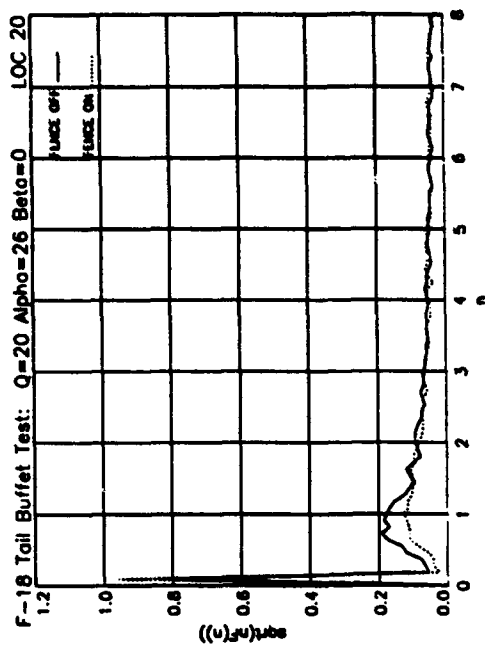
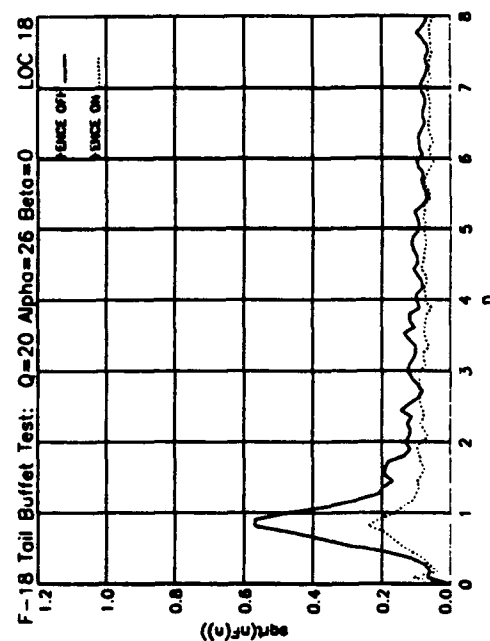


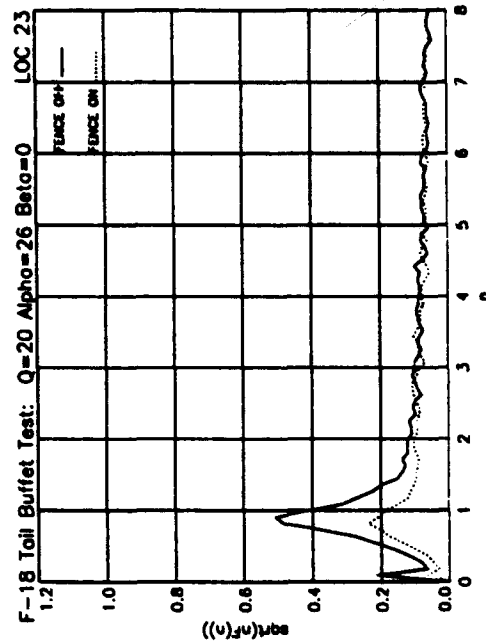
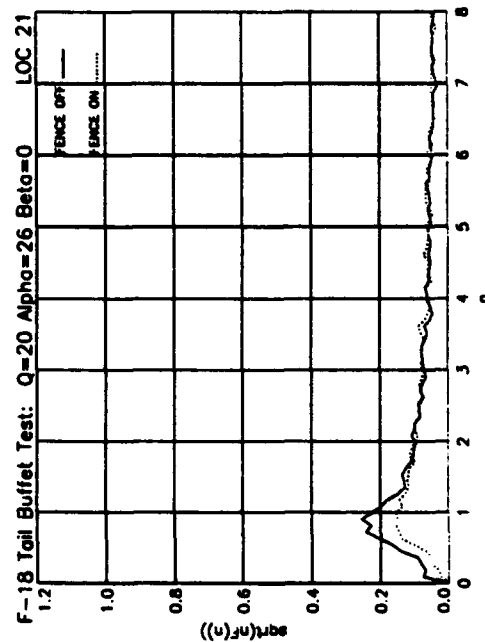
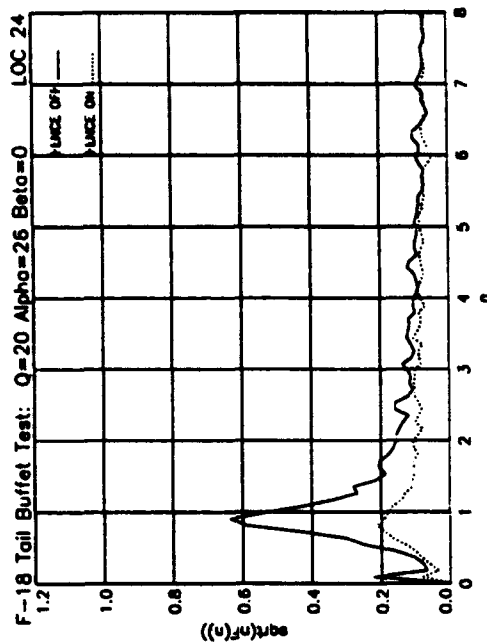
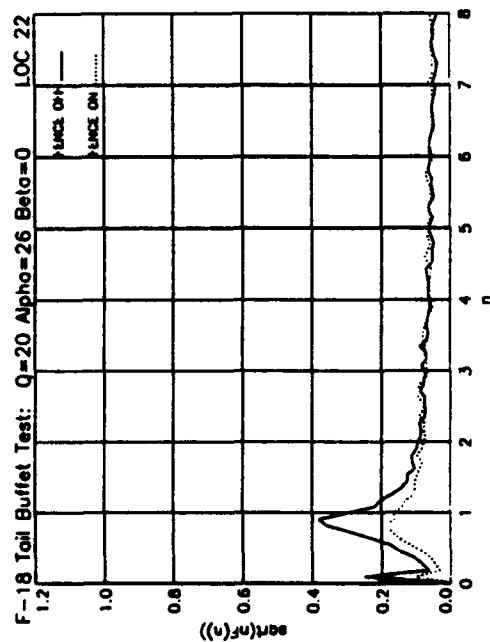


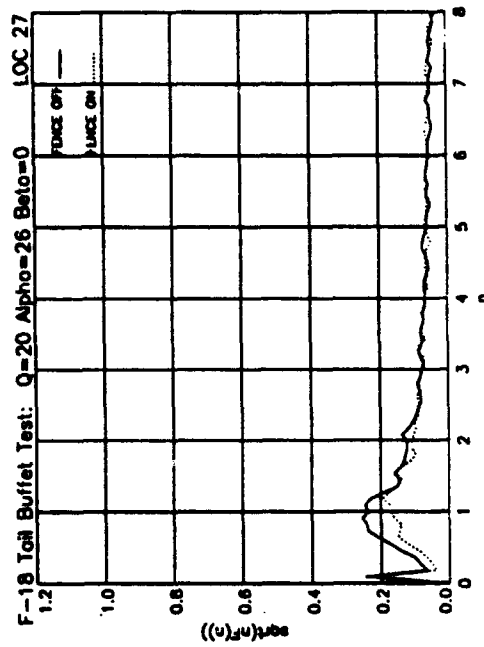
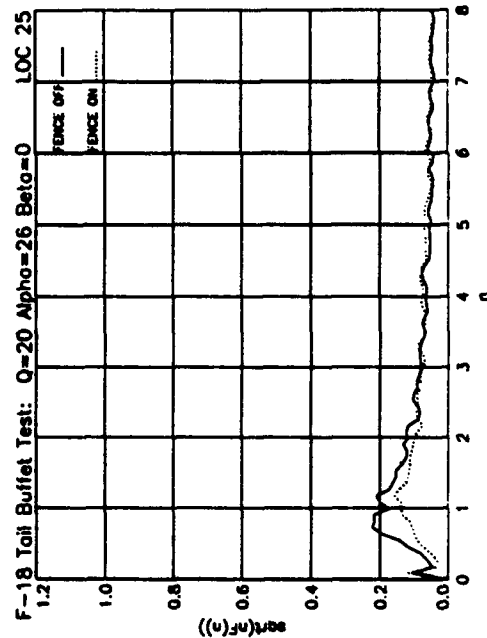
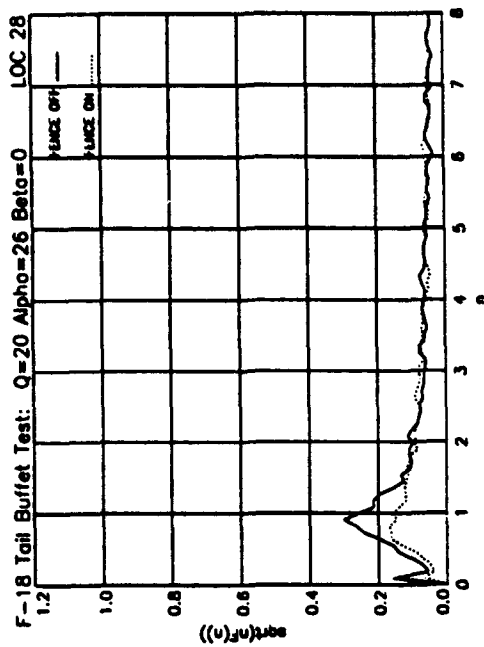
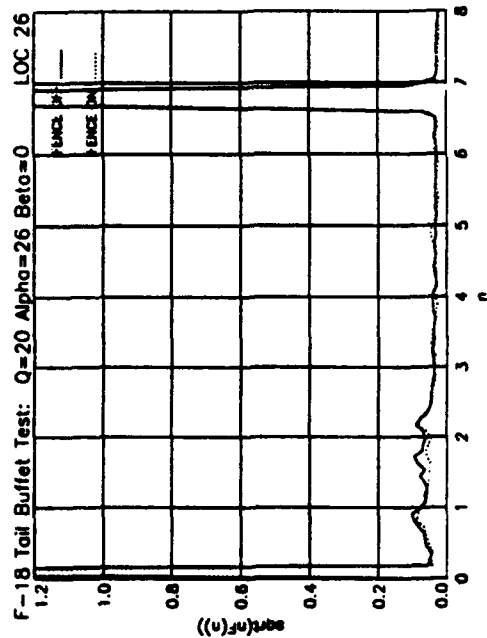


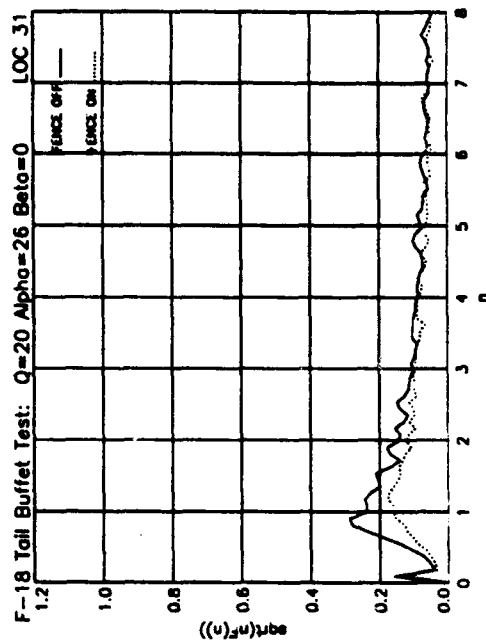
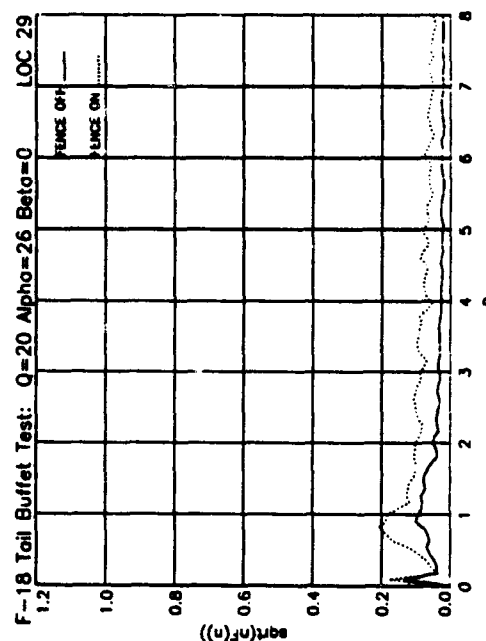
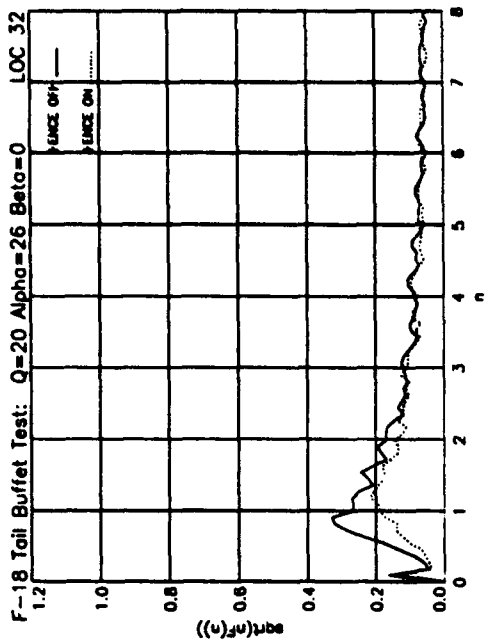
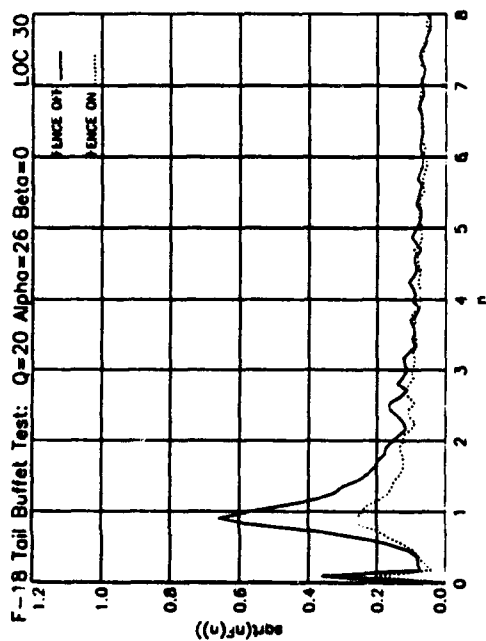


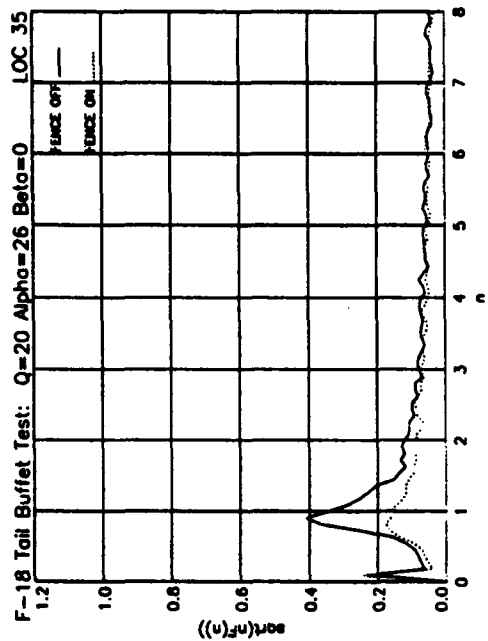
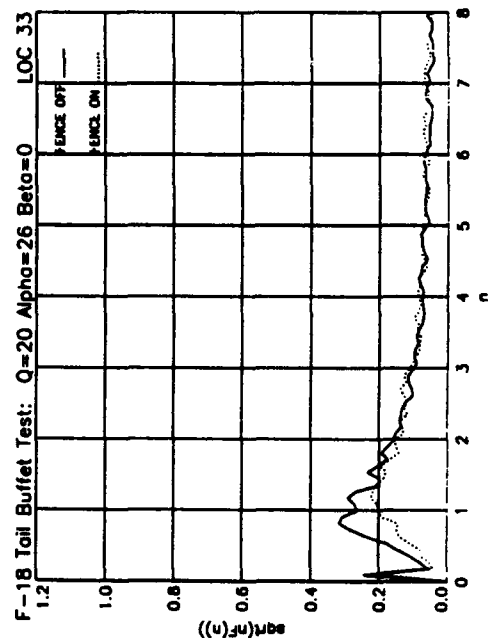
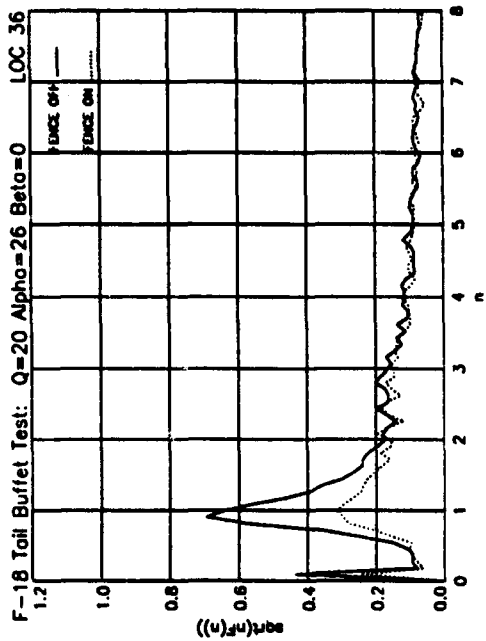
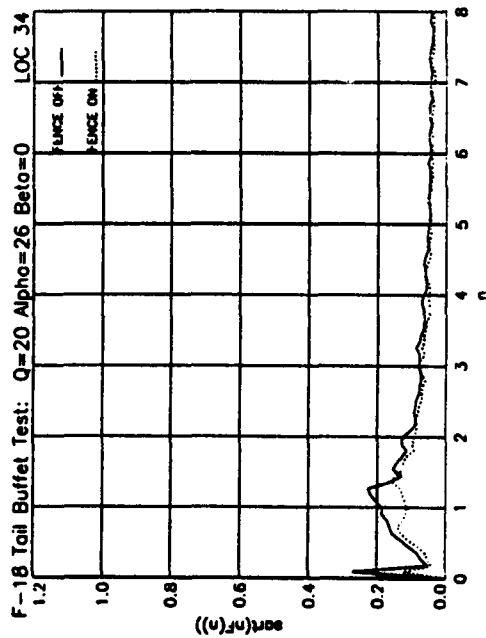






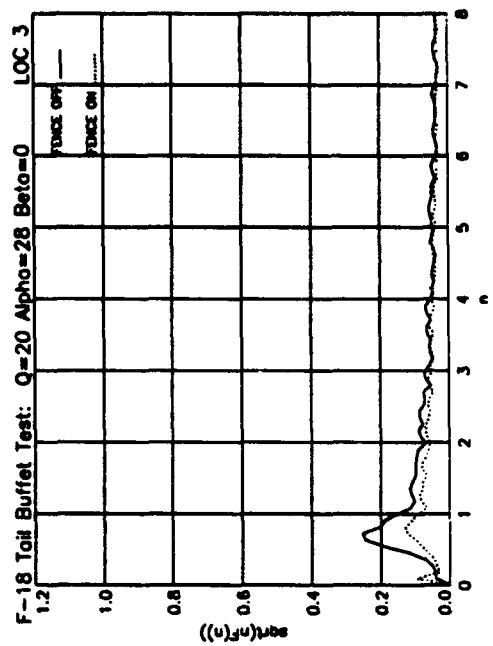
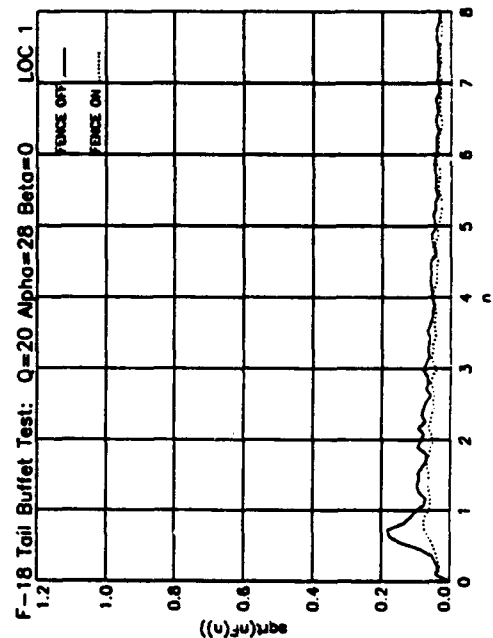
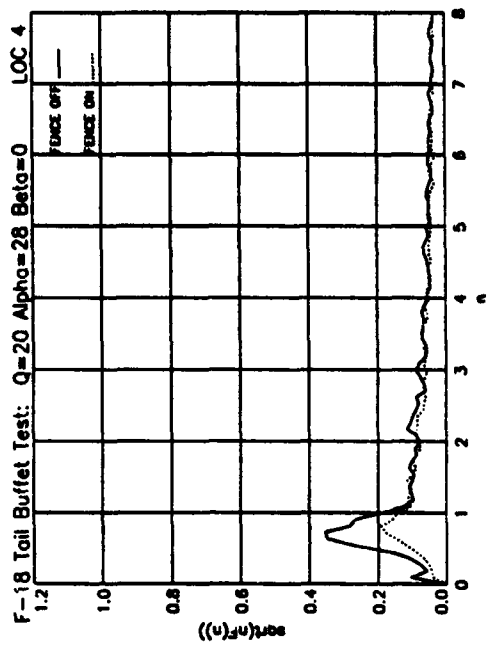
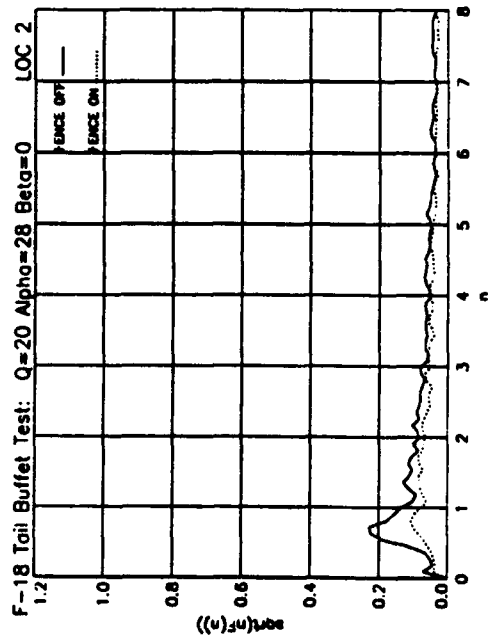


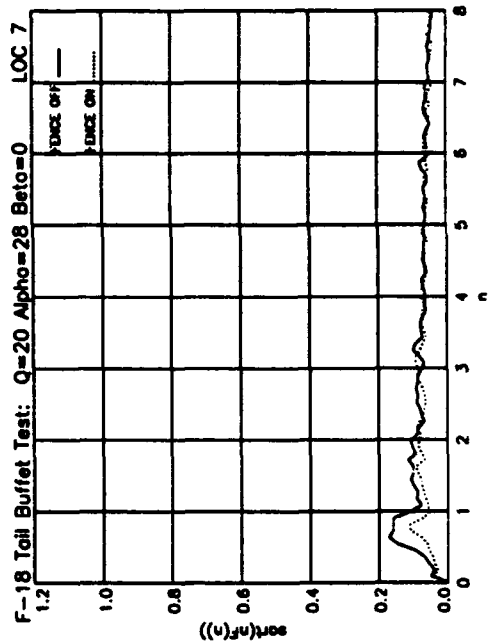
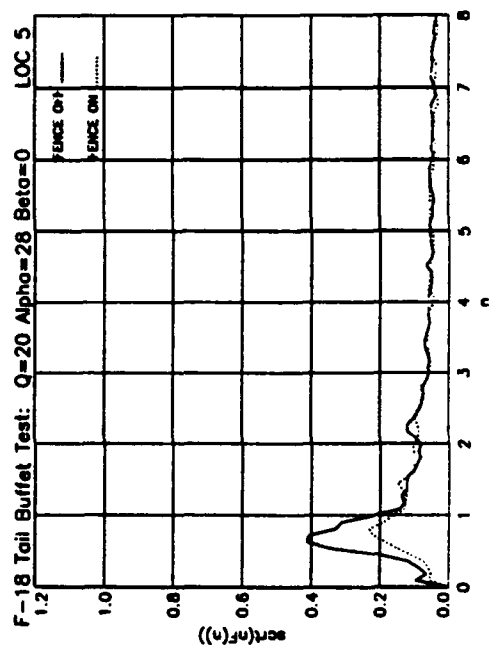
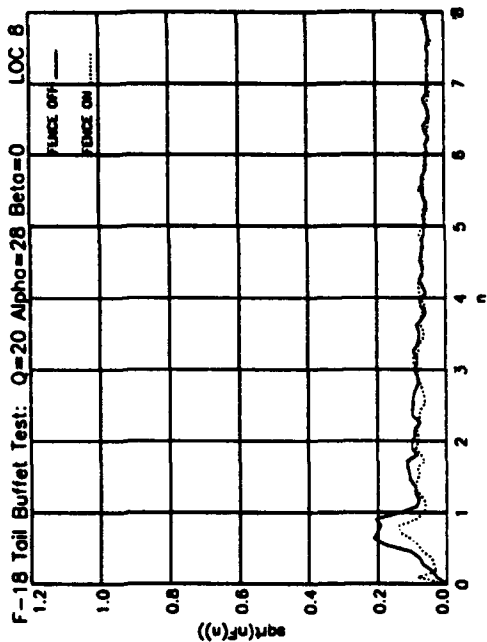
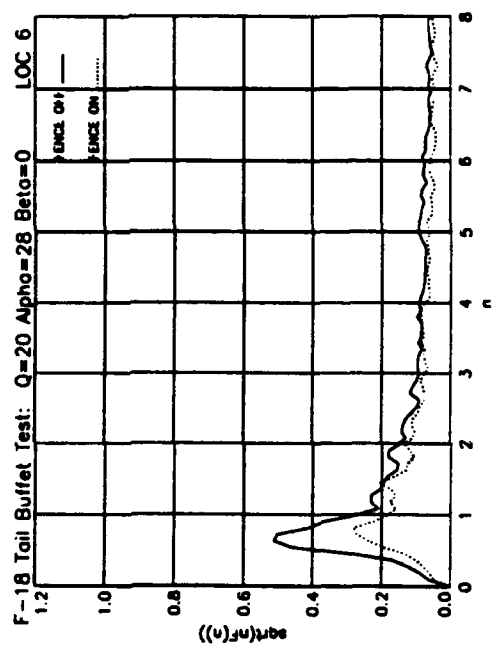


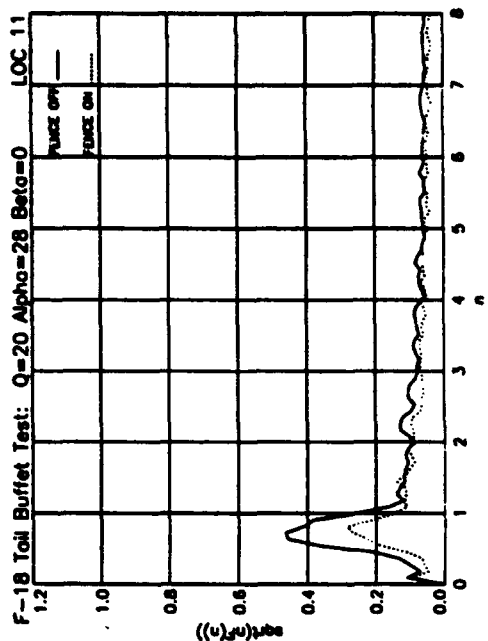
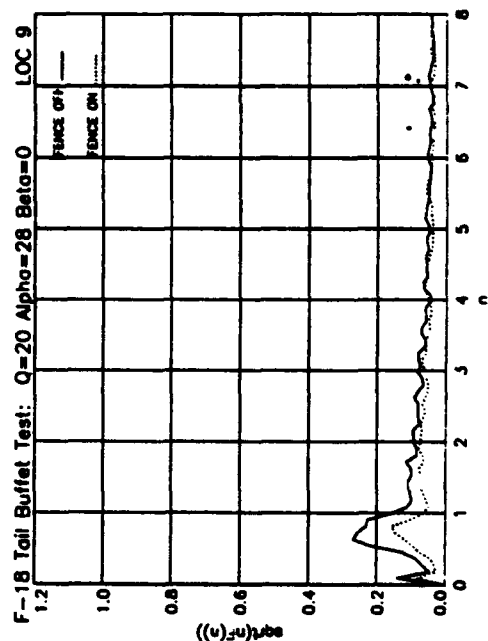
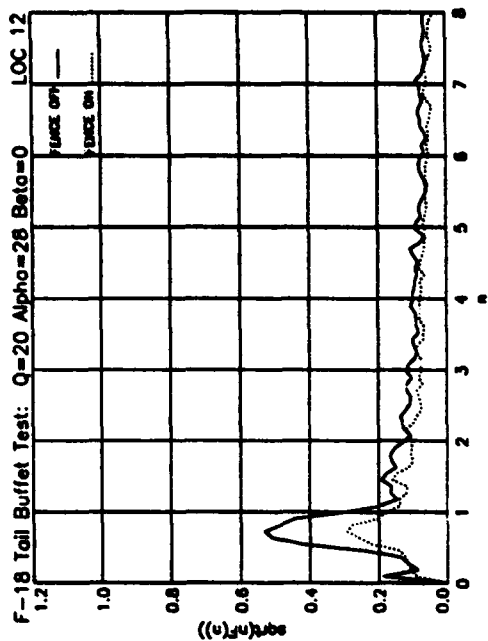
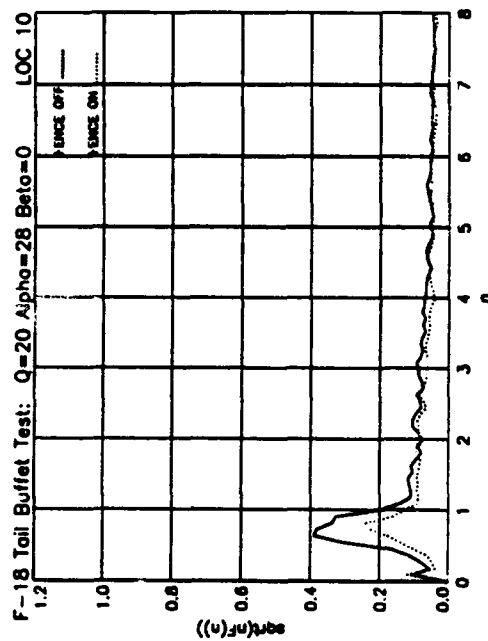


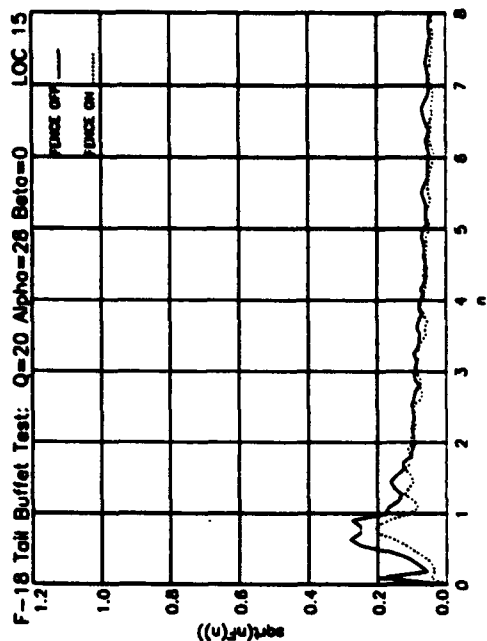
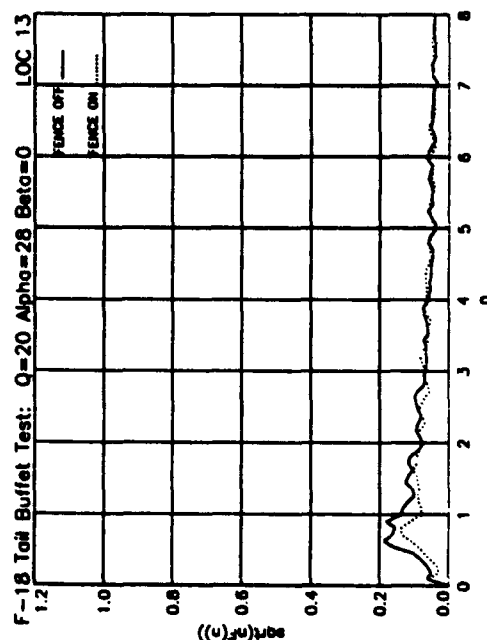
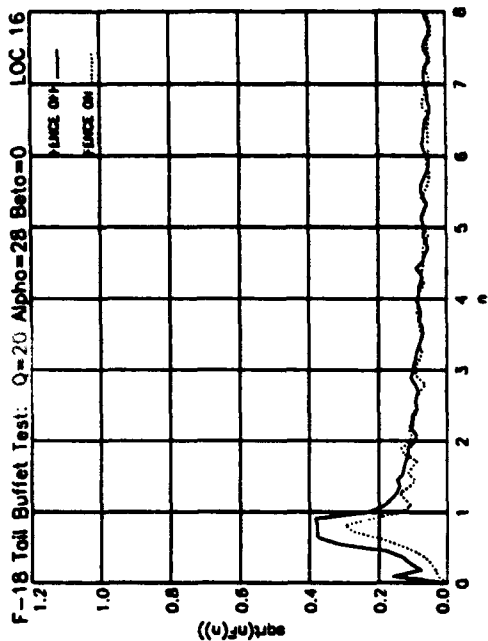
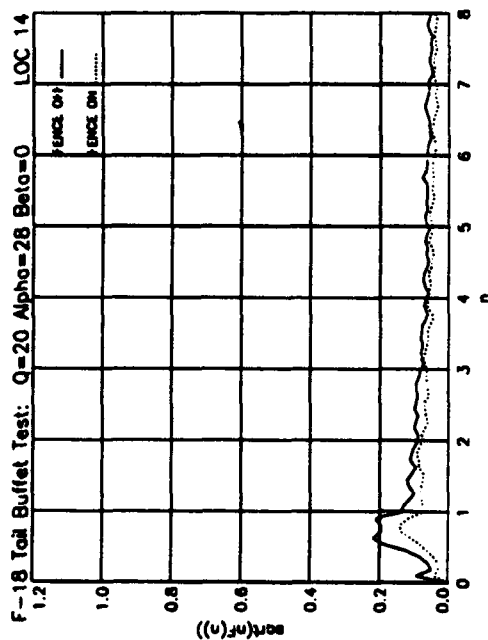


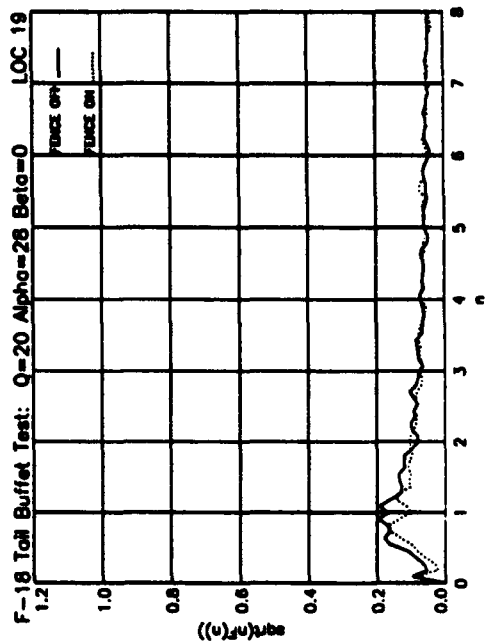
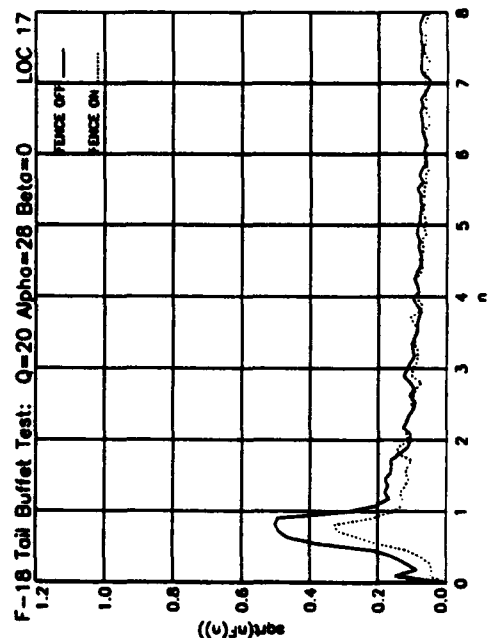
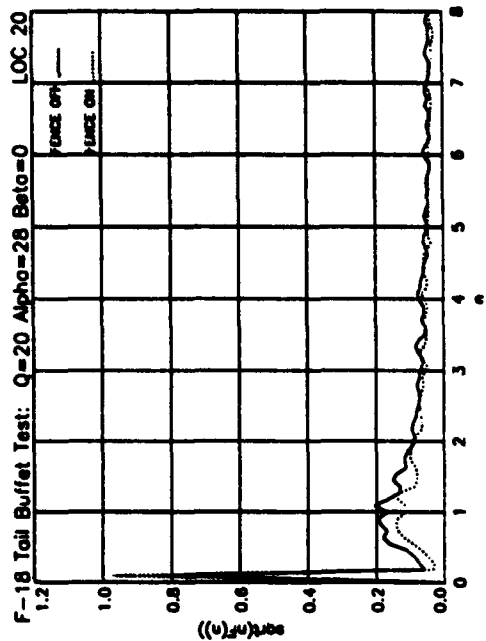
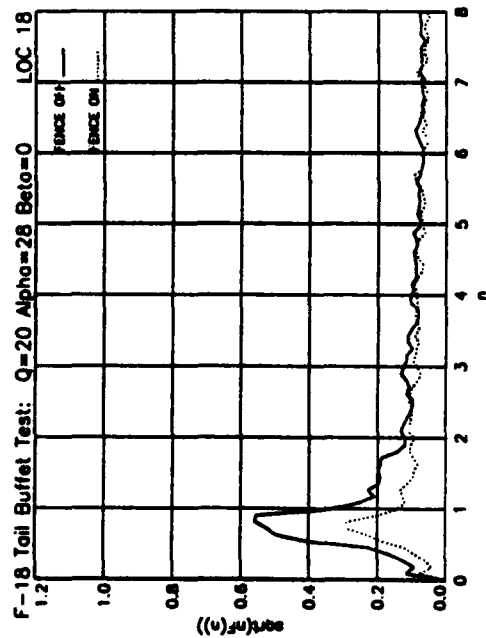


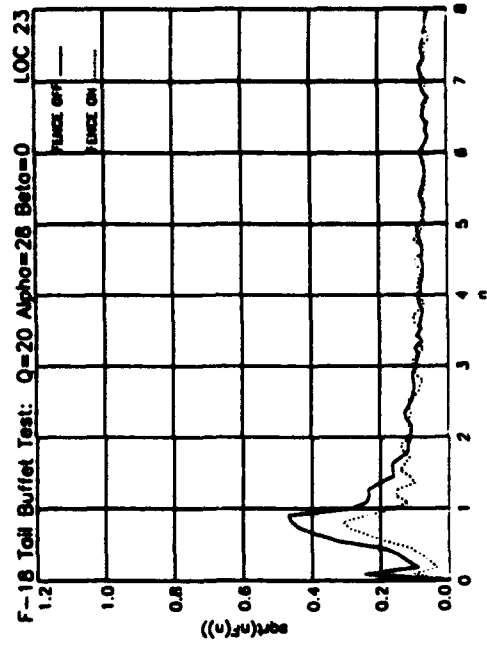
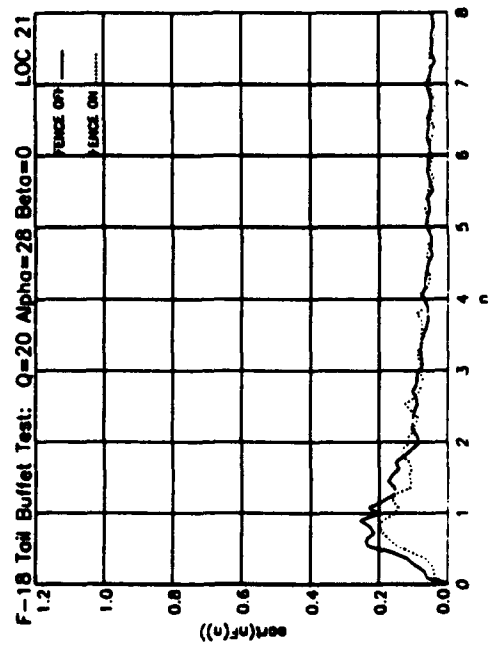
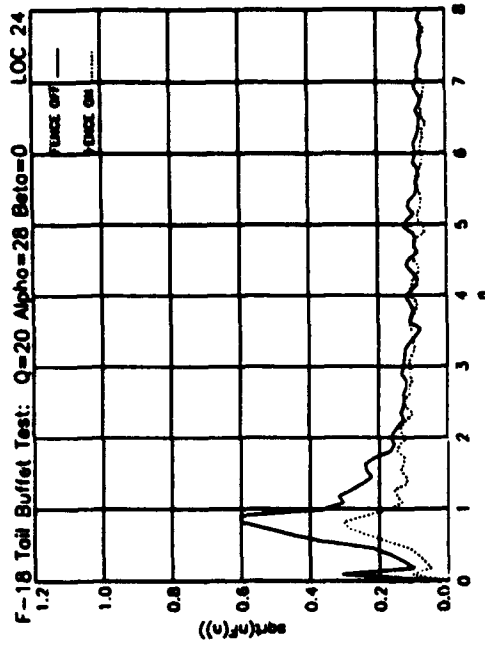
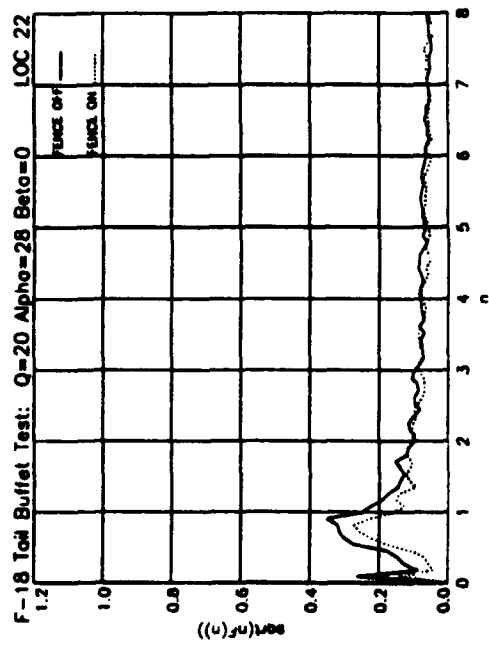


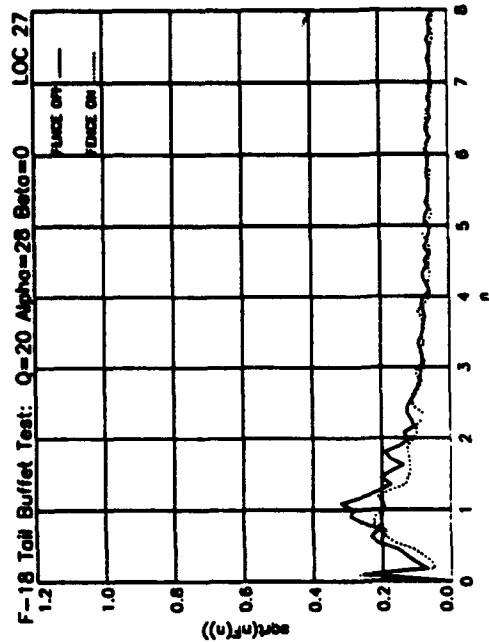
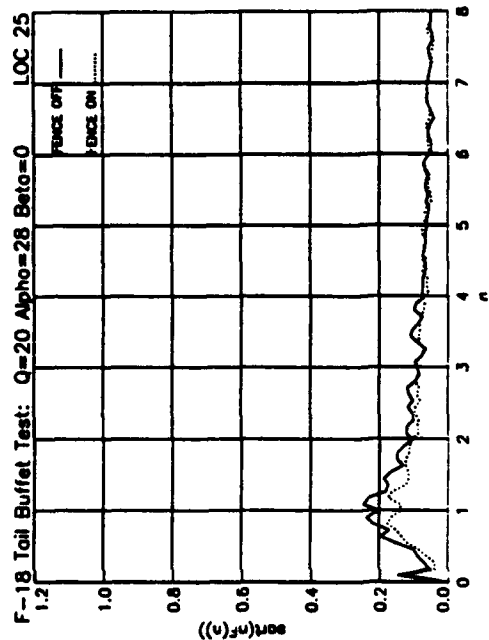
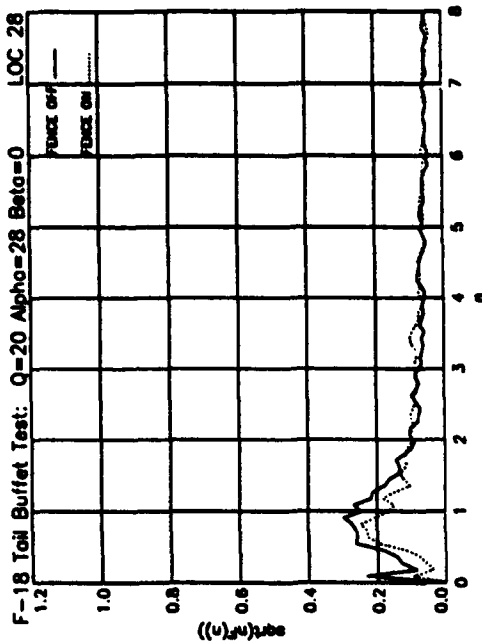
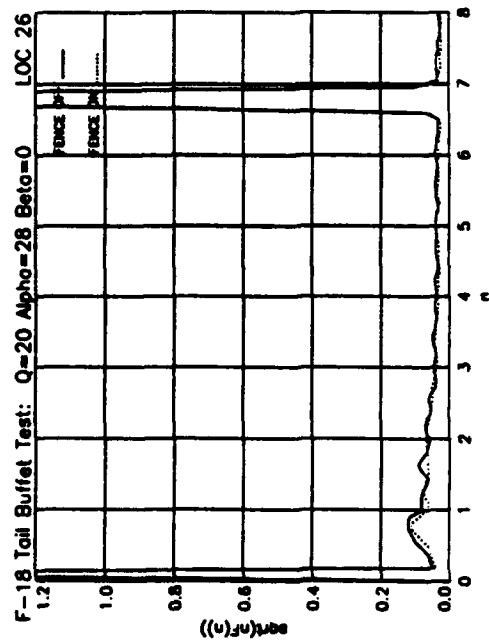


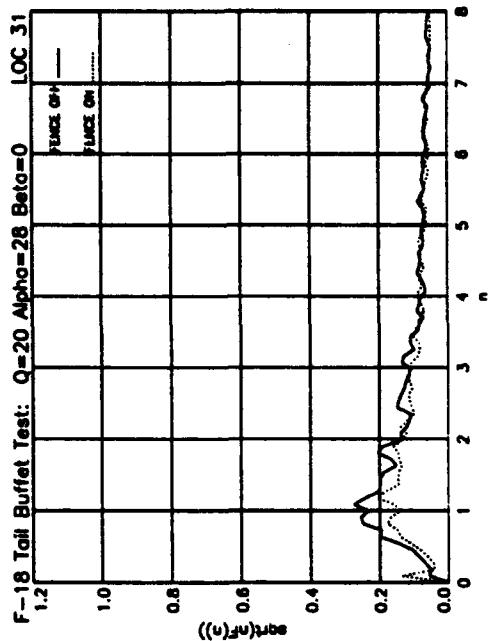
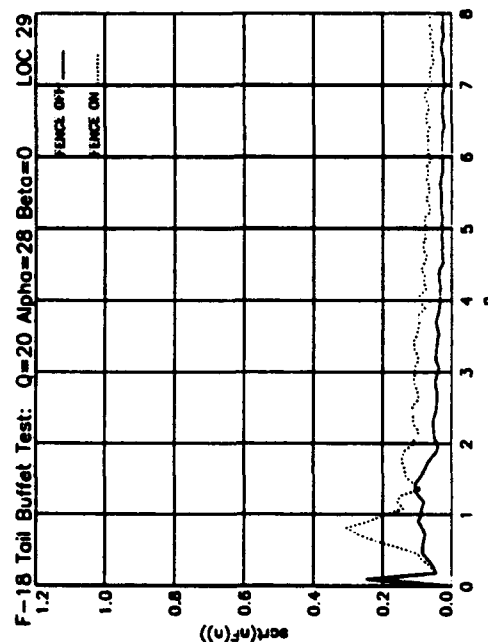
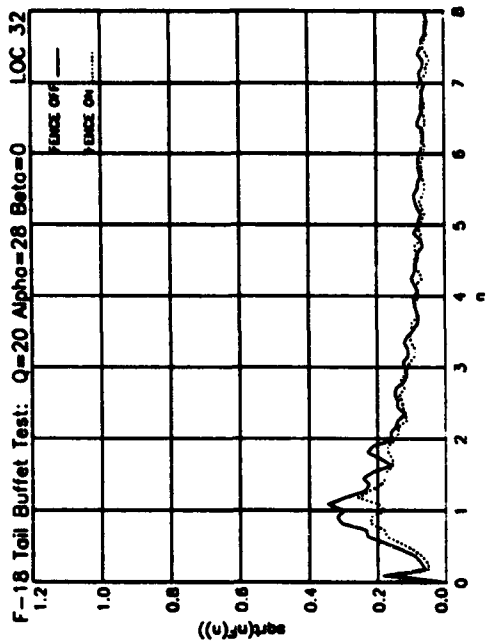
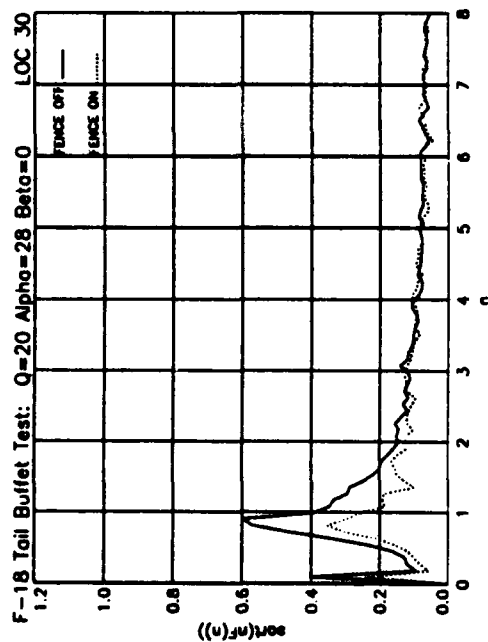




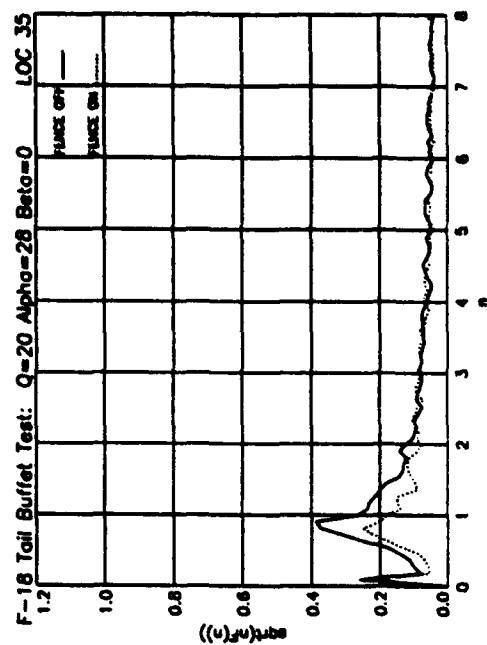
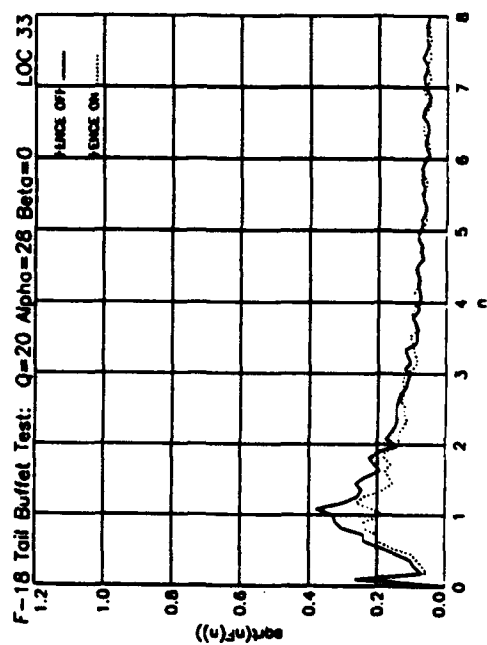
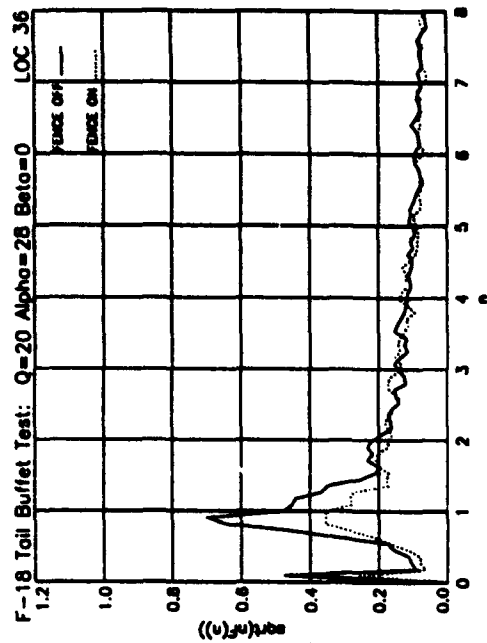
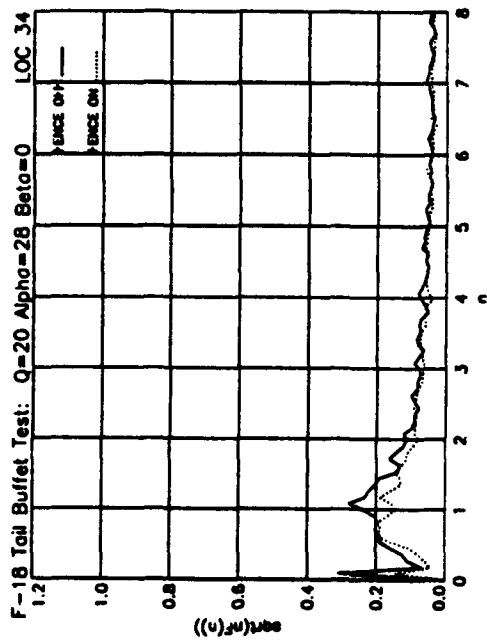














## **Acceleration Power Spectral Densities**

**Angle of Attack = 30 degrees**

**Test Variable - Aircraft Sideslip Angle**

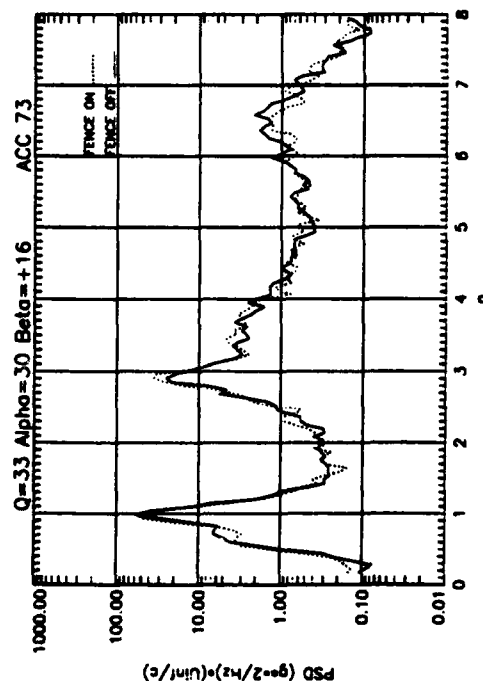
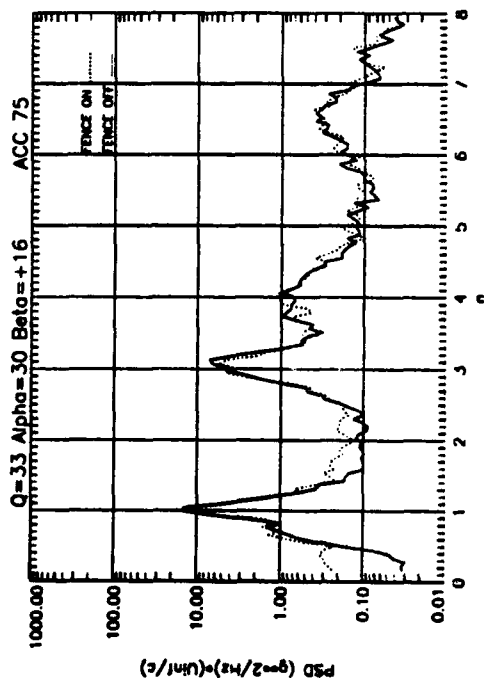
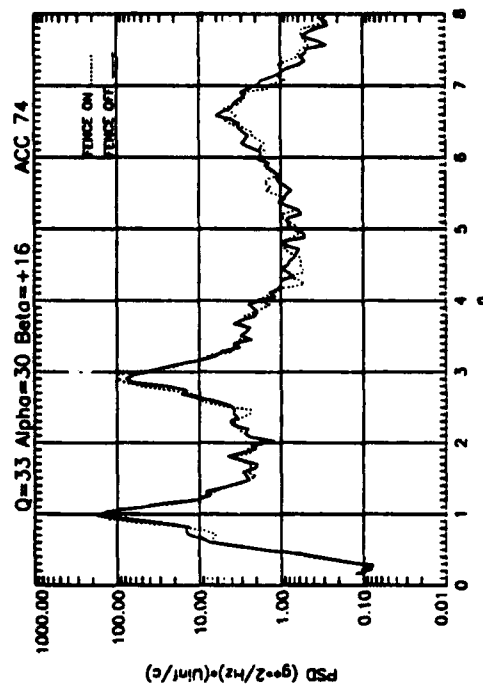
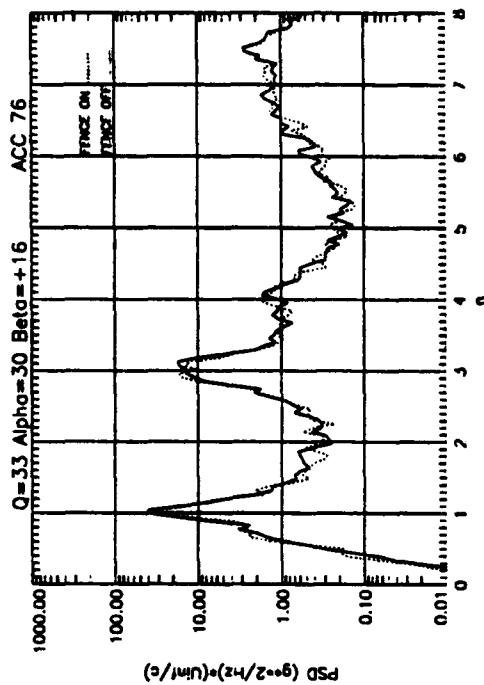
**Sideslip Angle = -16, -10, -6, 4, -2, 0, 2, 4, 6, 10, 16 degrees**

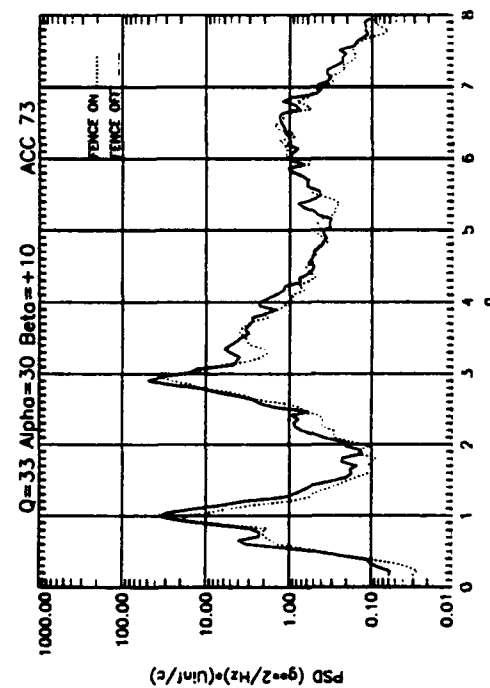
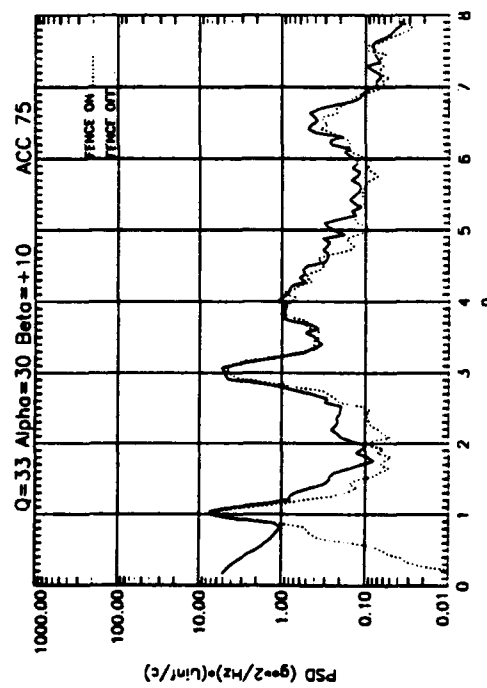
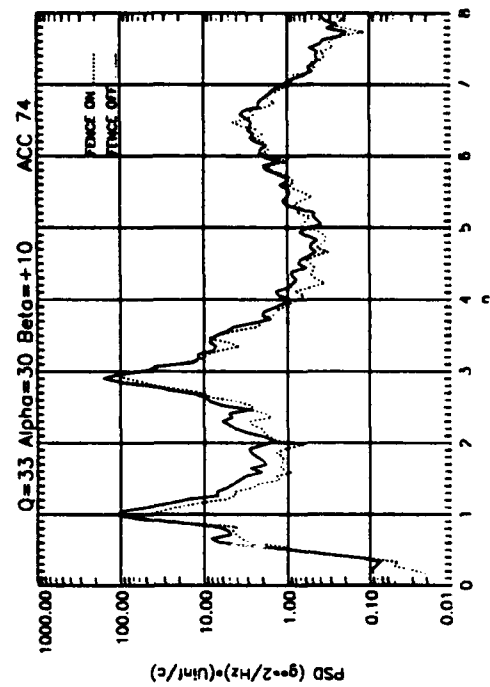
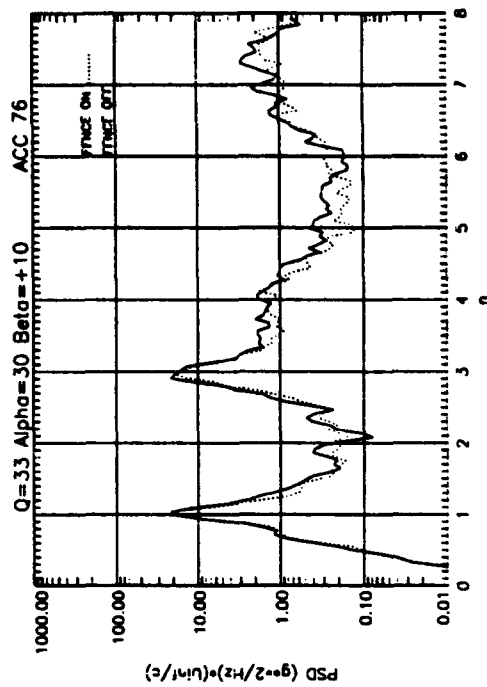
**Test Variable - Dynamic Pressure**

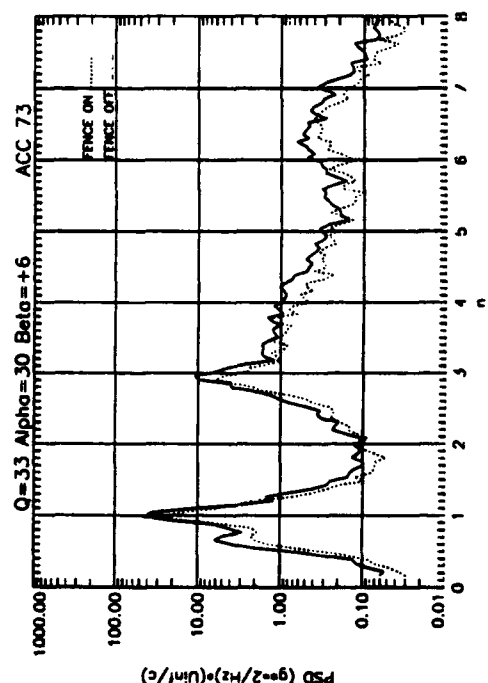
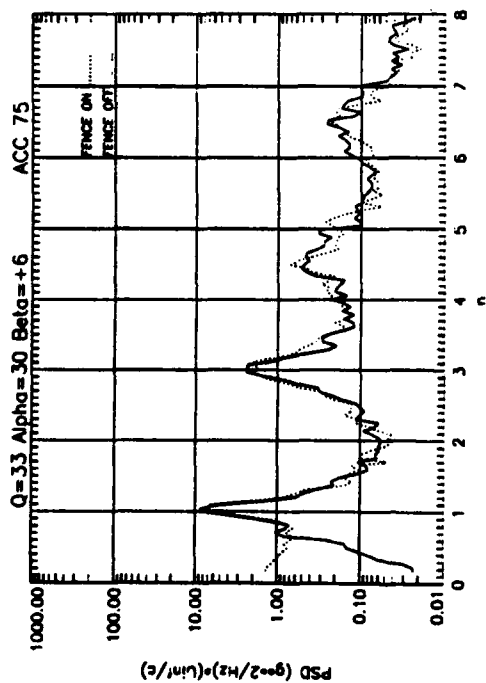
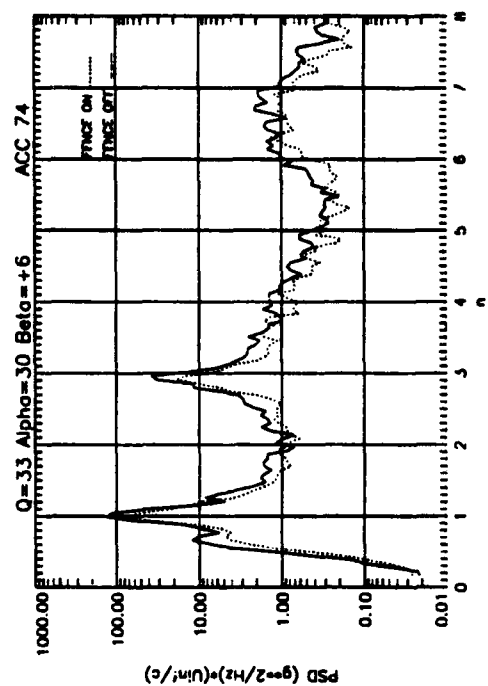
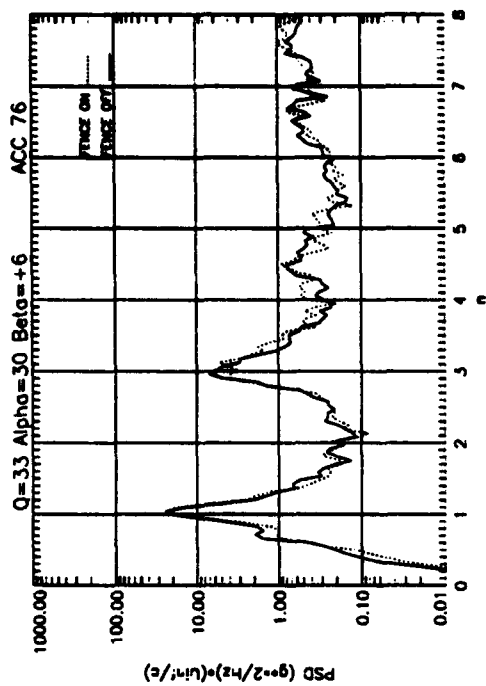
**q = 33 psf**

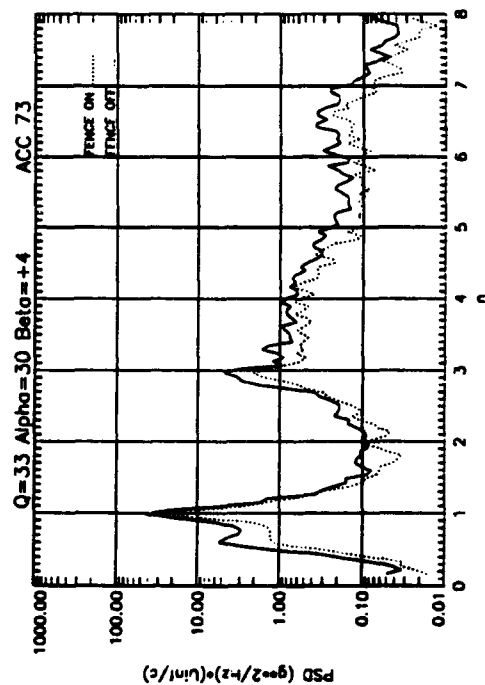
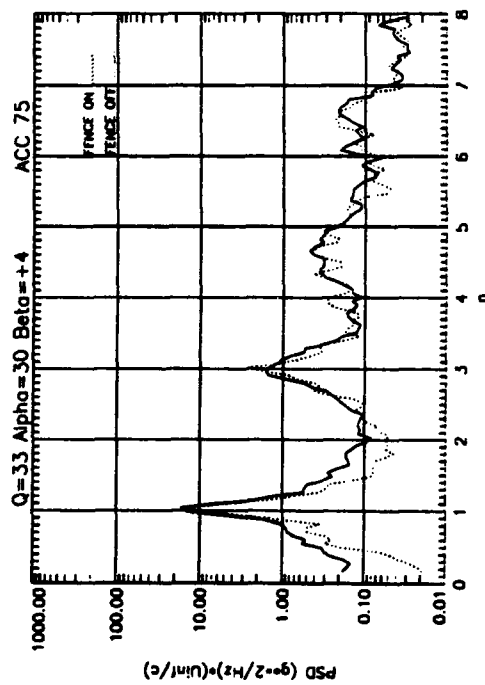
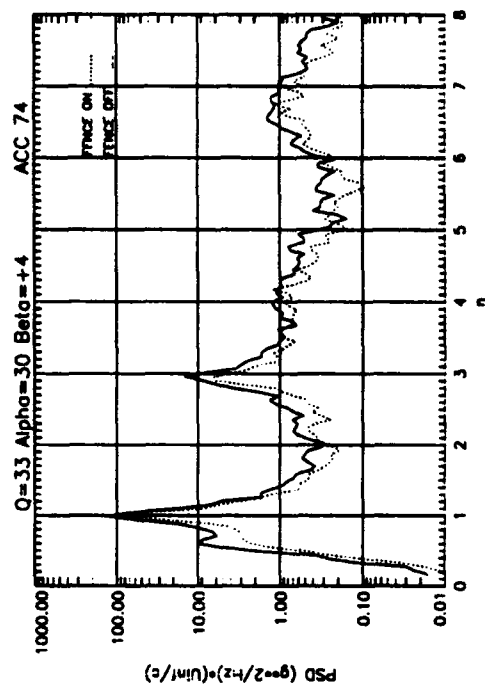
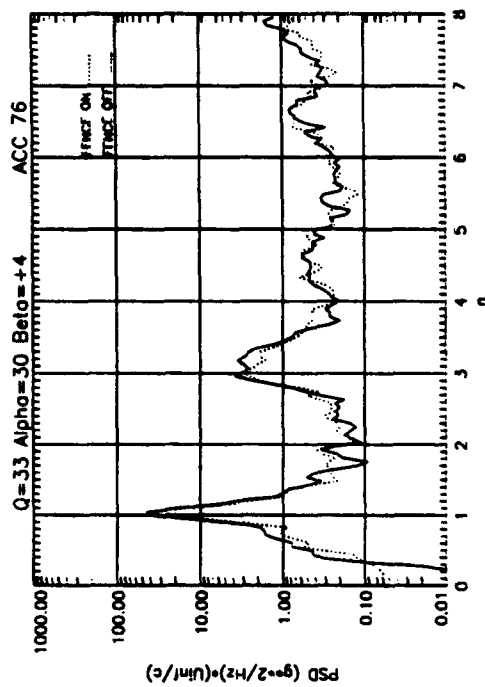
**LEX Fence Off and LEX Fence On**



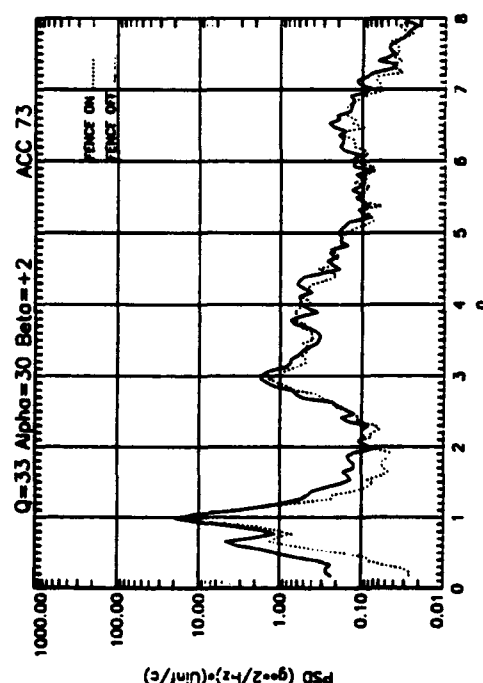
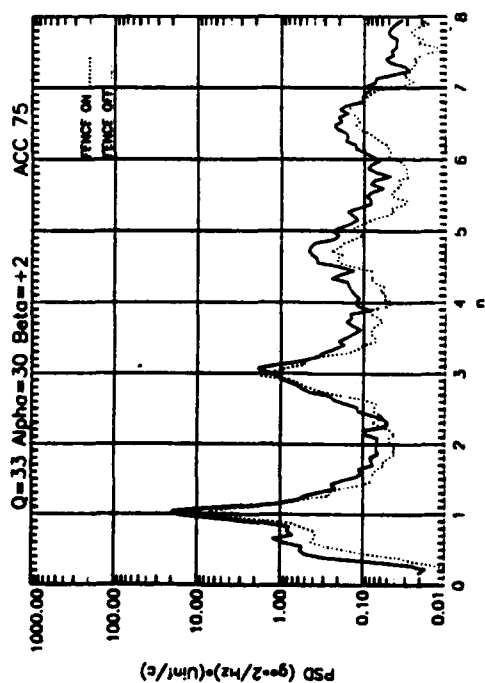
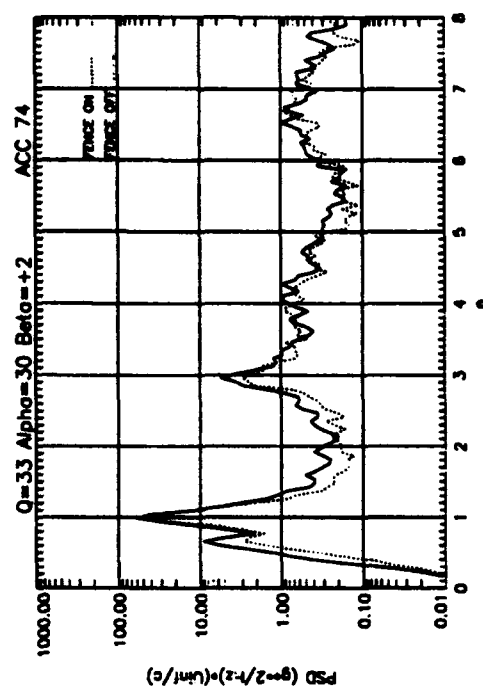
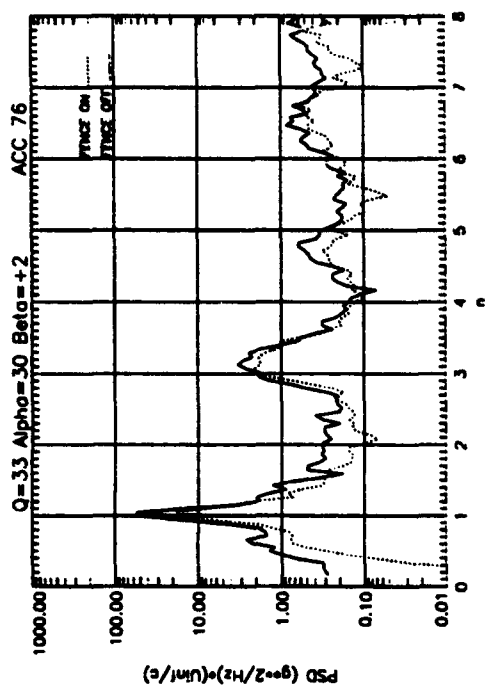


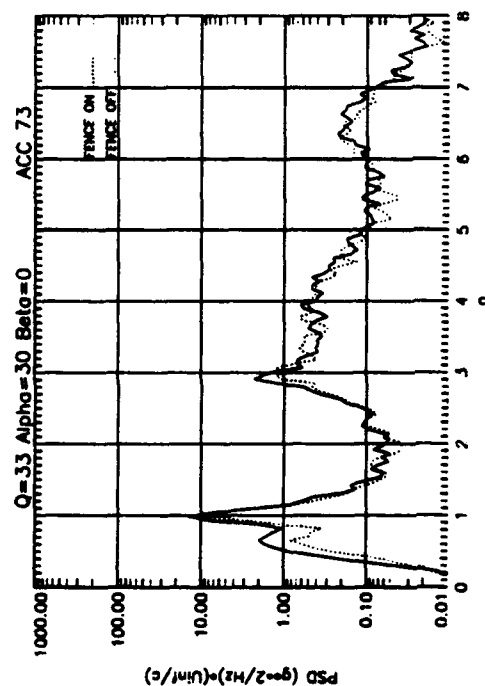
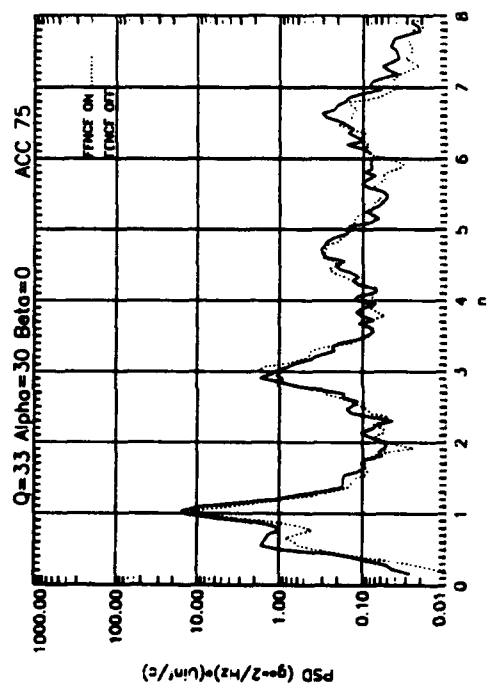
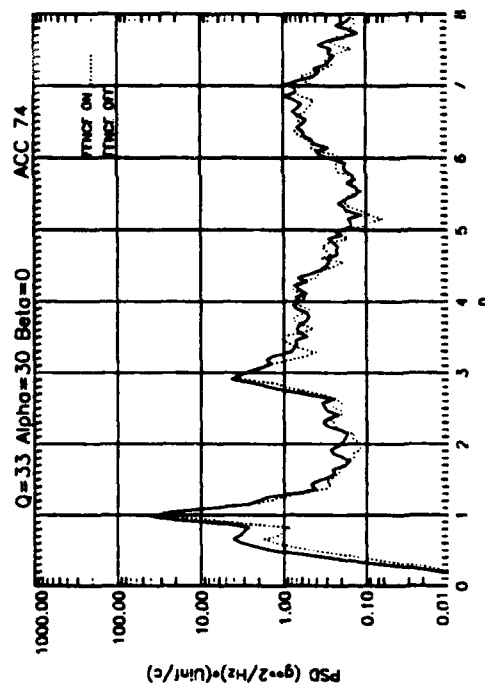
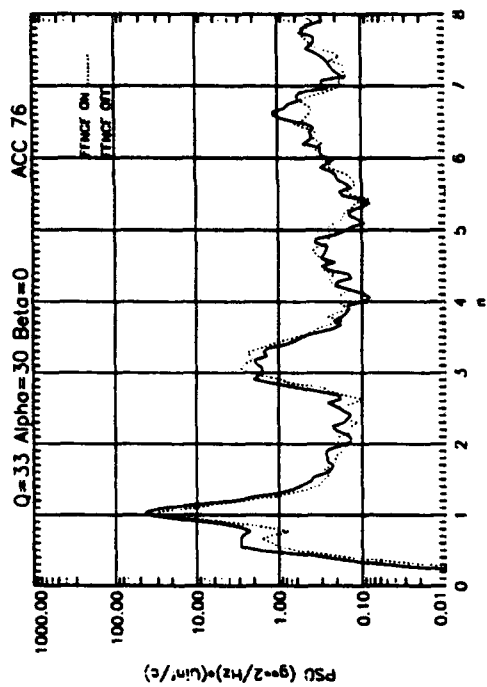


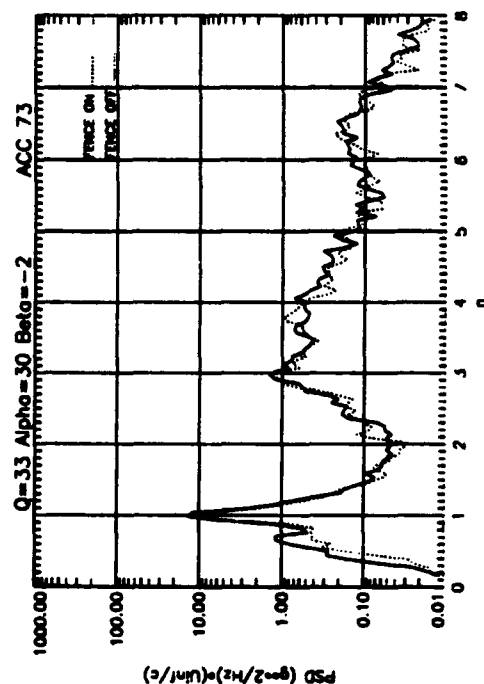
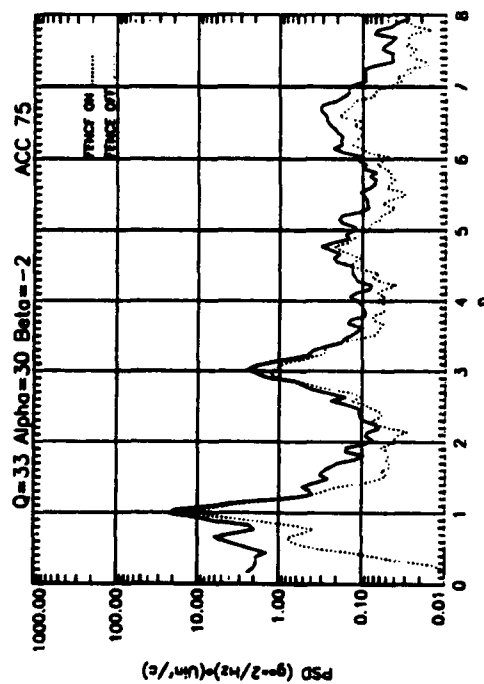
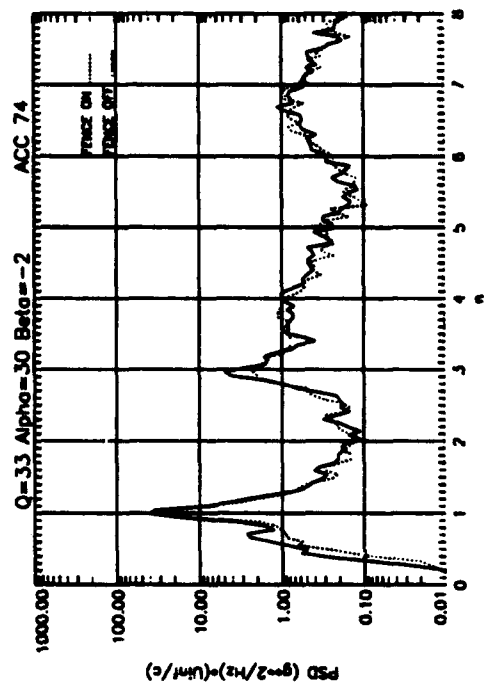
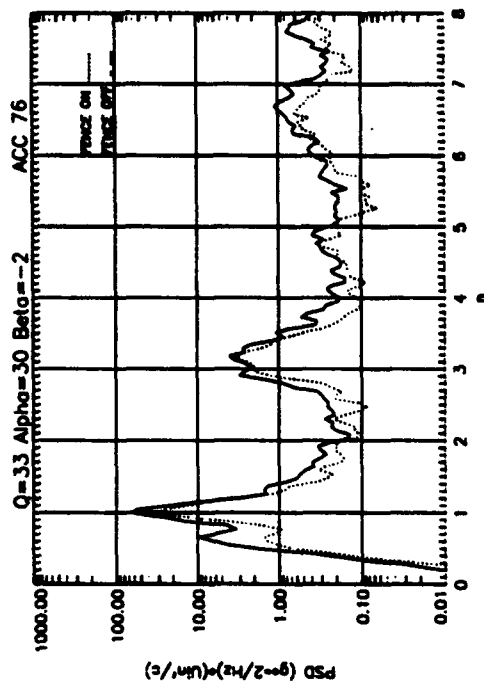


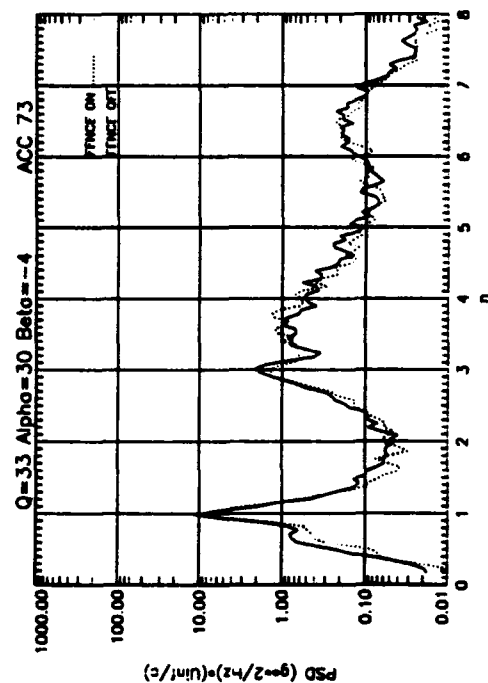
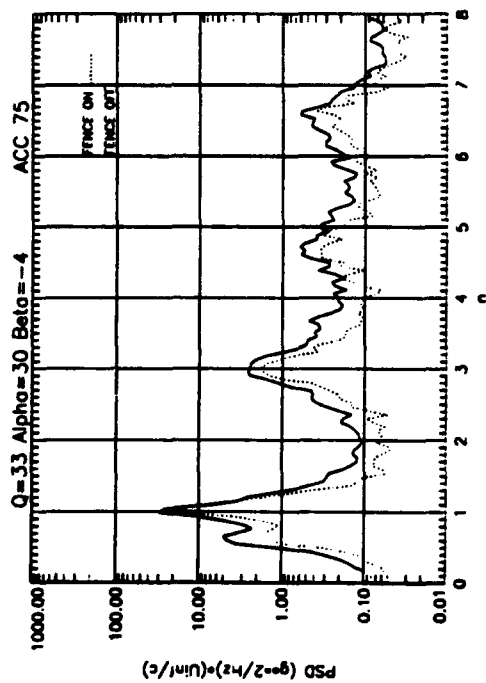
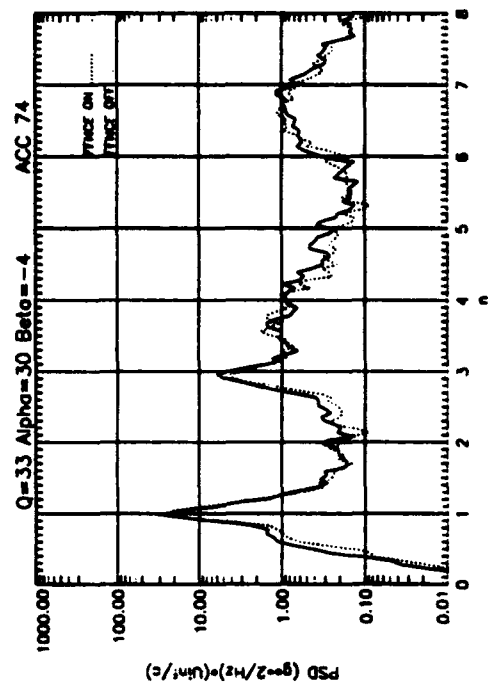
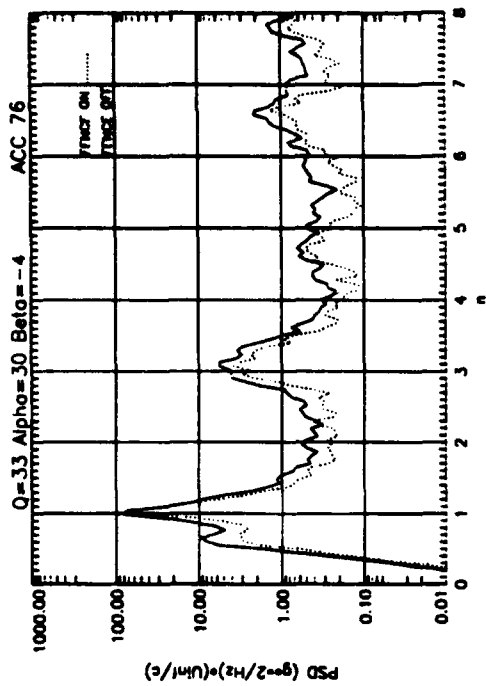


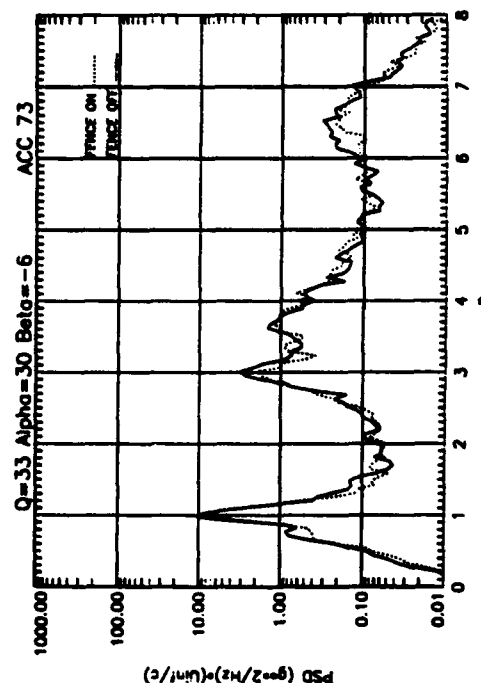
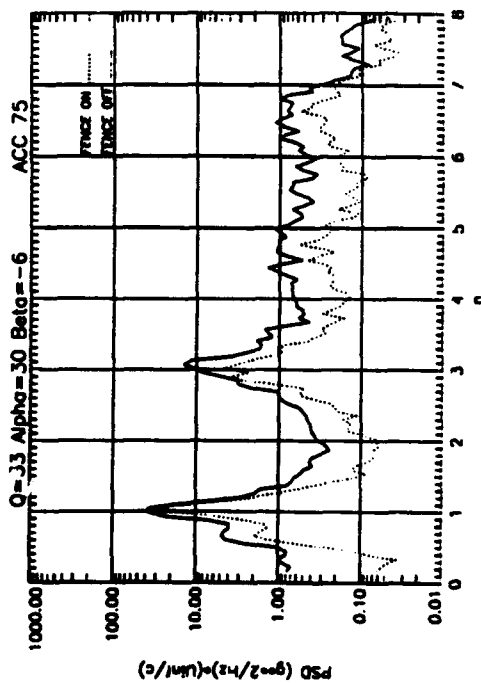
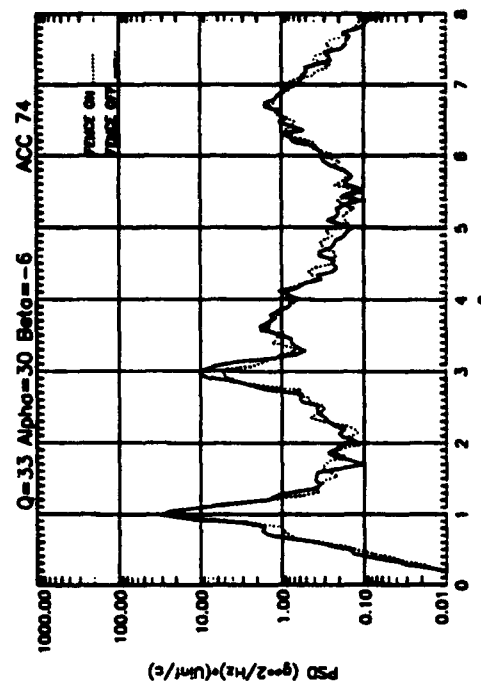
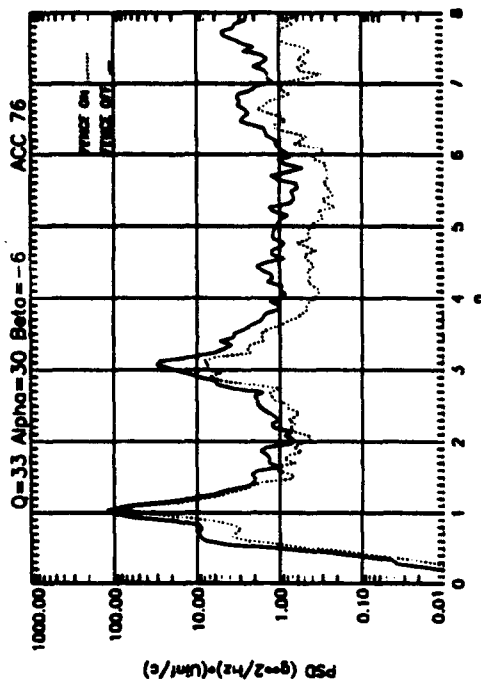


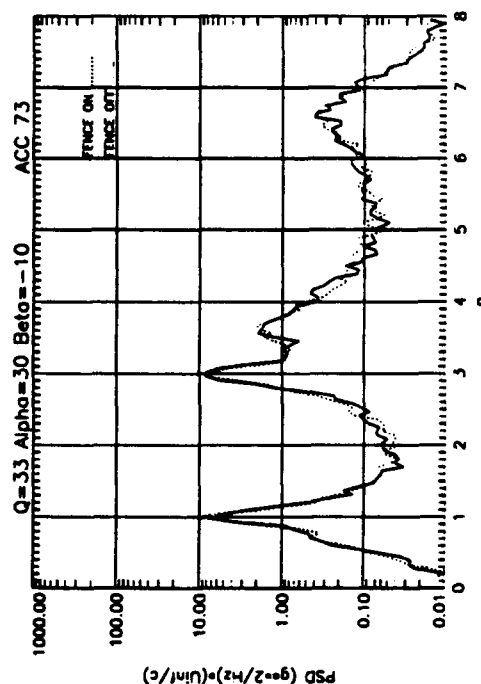
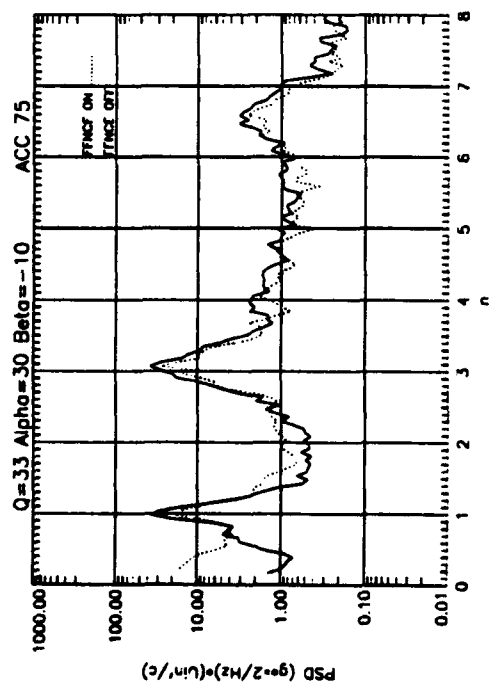
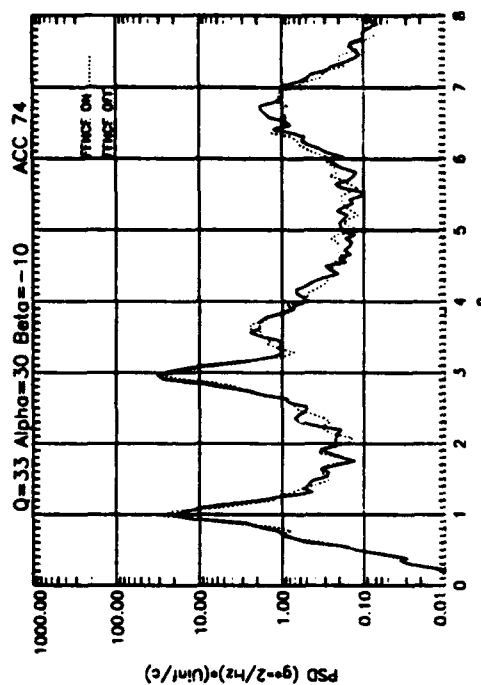
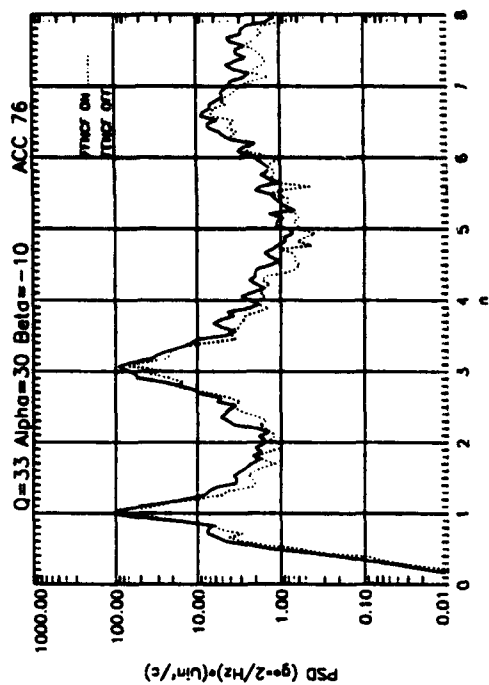


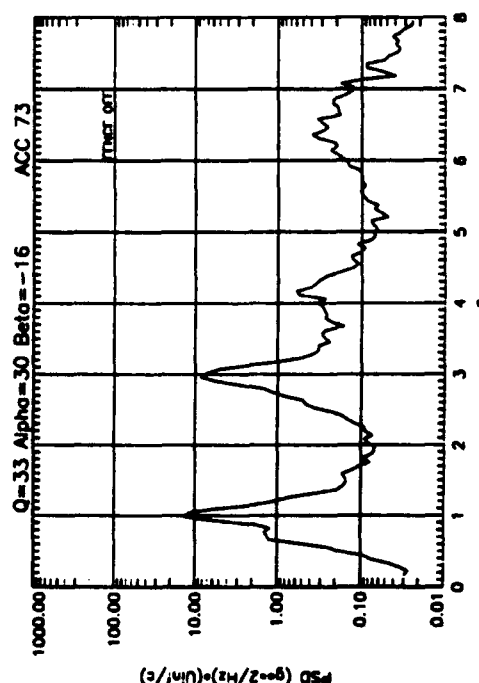
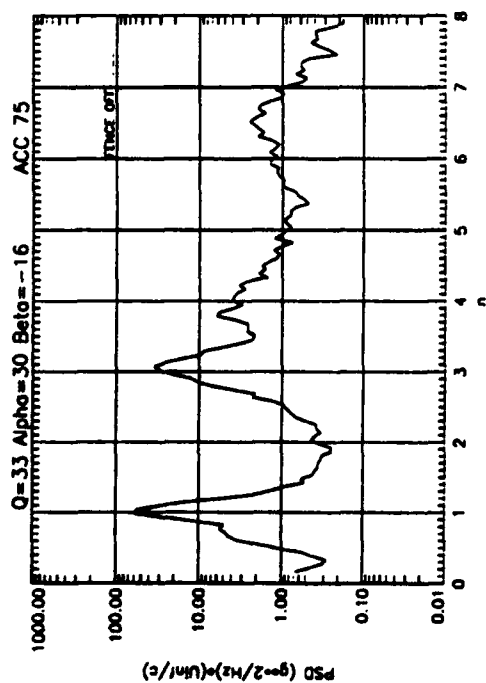
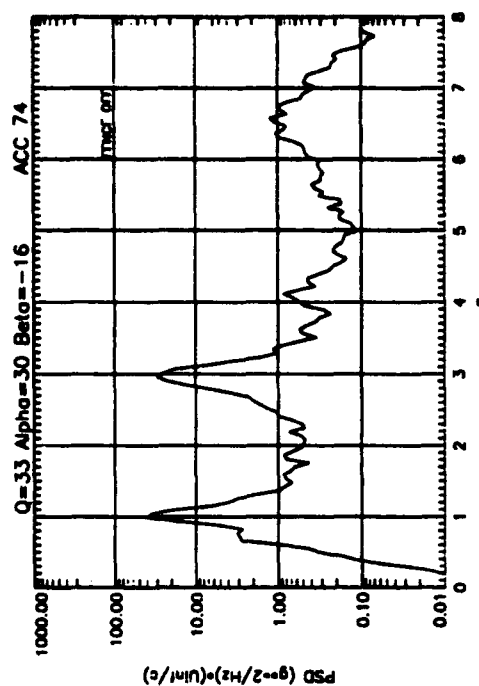
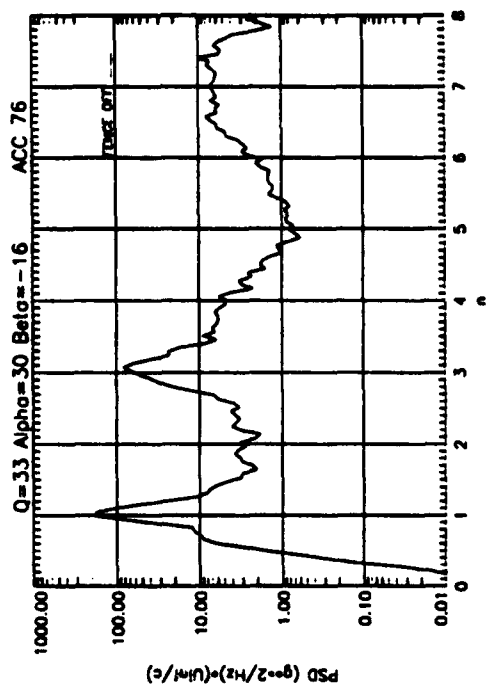
















**Pressure Coefficient Differential  
Power Spectral Densities**

(In dimensional form)

**Pressure Transducer Stations 1-36**

**Angle of Attack = 30 degrees**

**Test Variable - Aircraft Sideslip Angle**

**Sideslip Angle = -16, -10, -6, 4, -2, 0, 2, 4, 6, 10, 16 degrees**

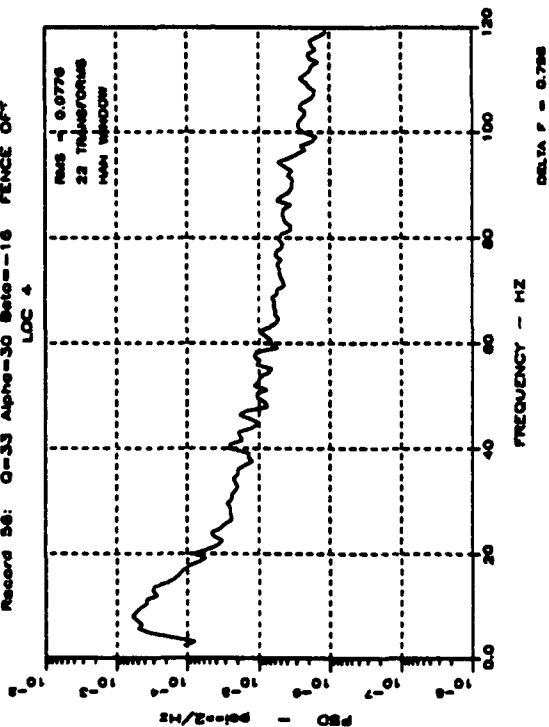
**Test Variable - Dynamic Pressure**

**q = 33 psf**

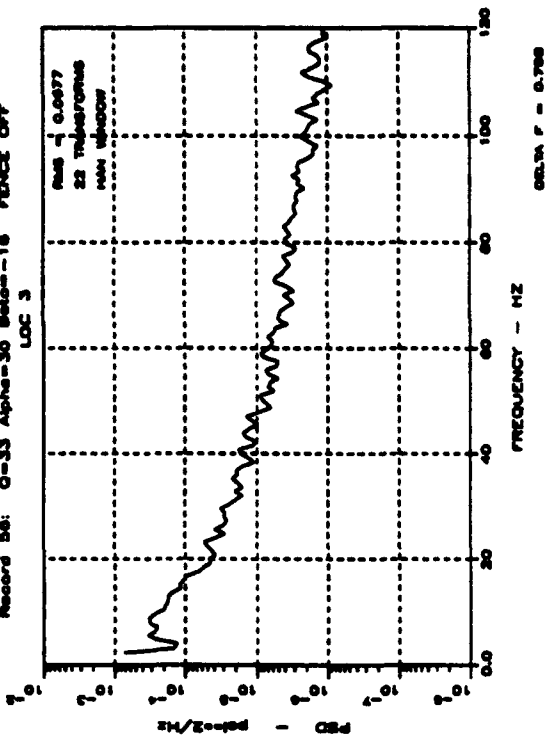
**LEX Fence Off and LEX Fence On**



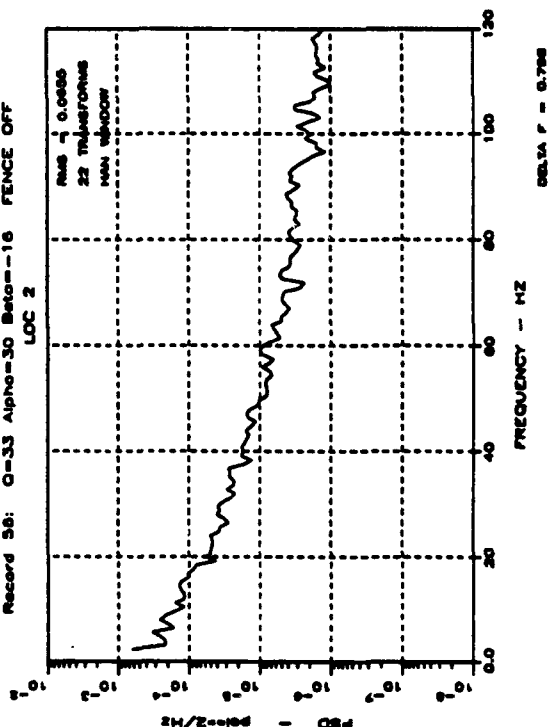
F-18 Tail Buffet Test  
Record 56: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 4



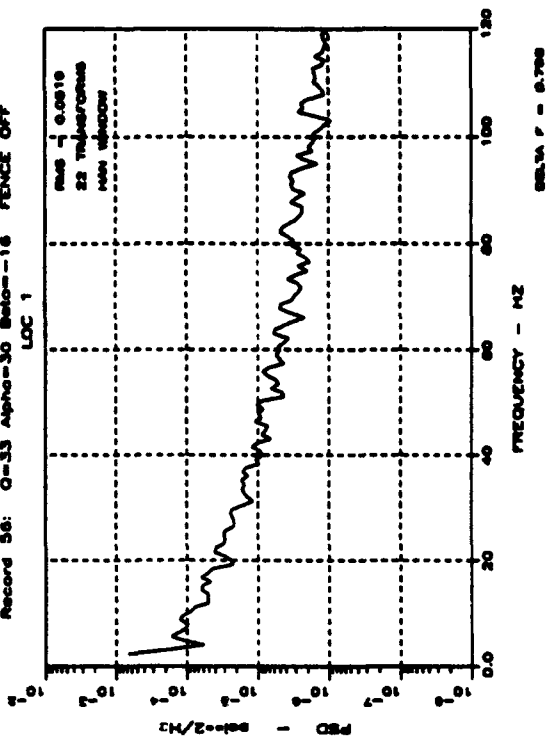
F-18 Tail Buffet Test  
Record 56: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 3



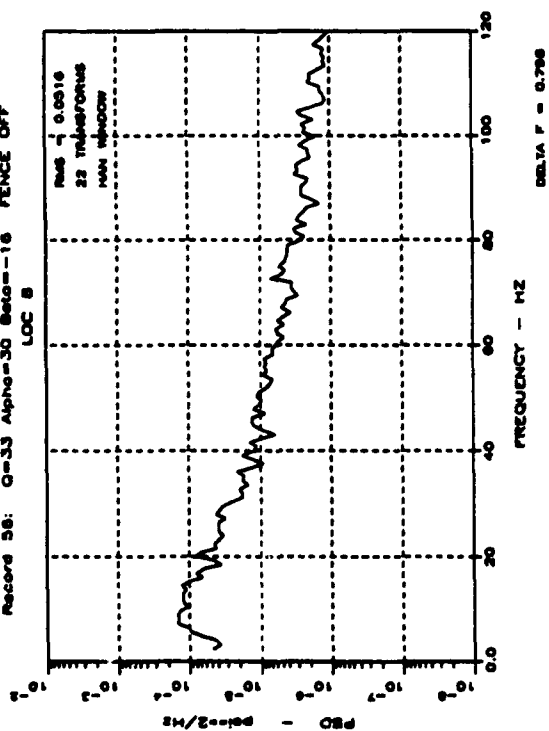
F-18 Tail Buffet Test  
Record 56: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 2



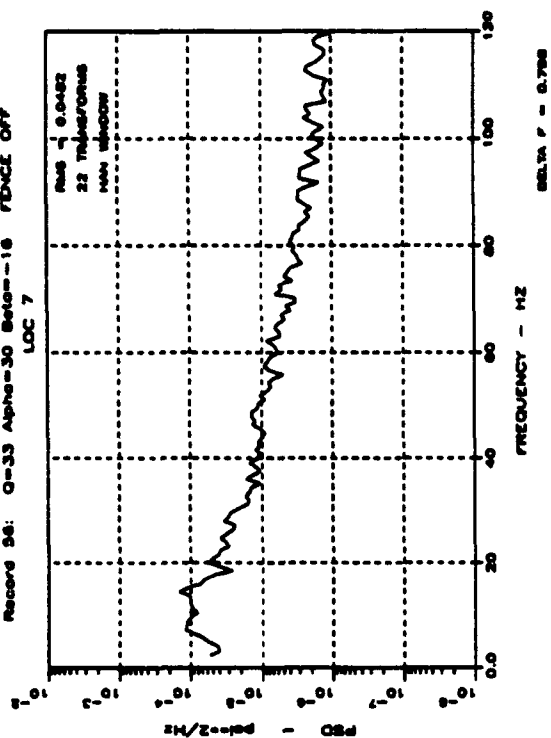
F-18 Tail Buffet Test  
Record 56: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 1



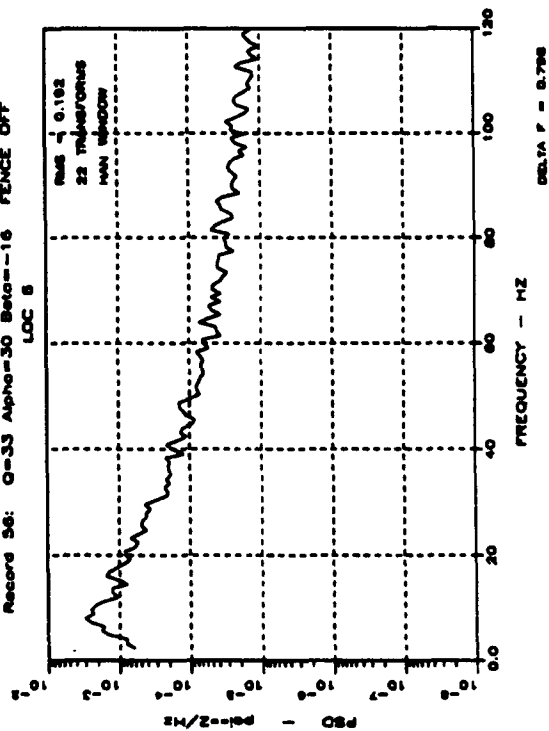
F-16 Tail Buffet Test  
Record 56: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 8



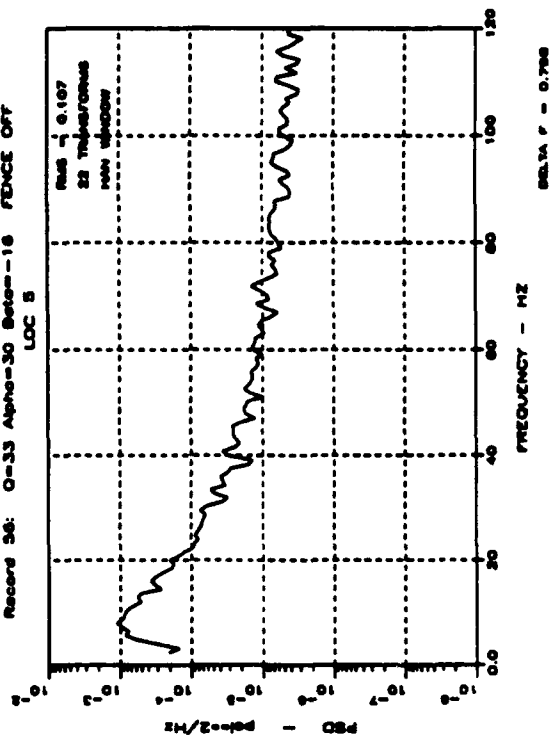
F-16 Tail Buffet Test  
Record 56: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 7

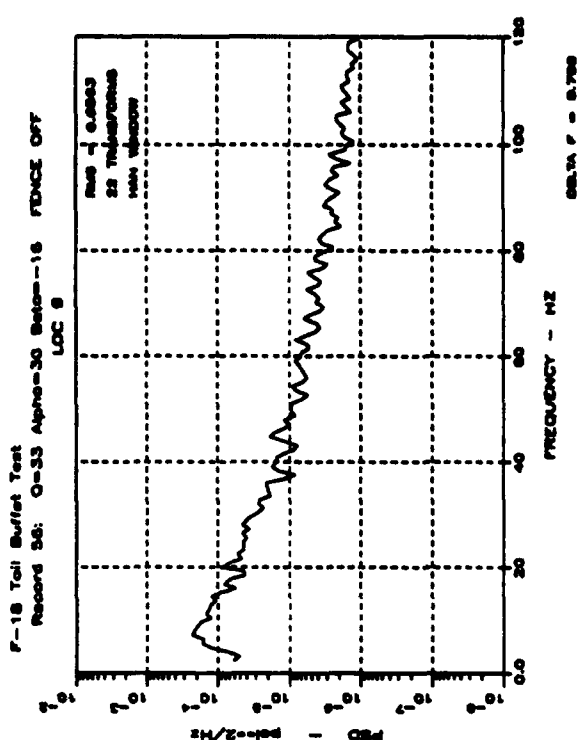
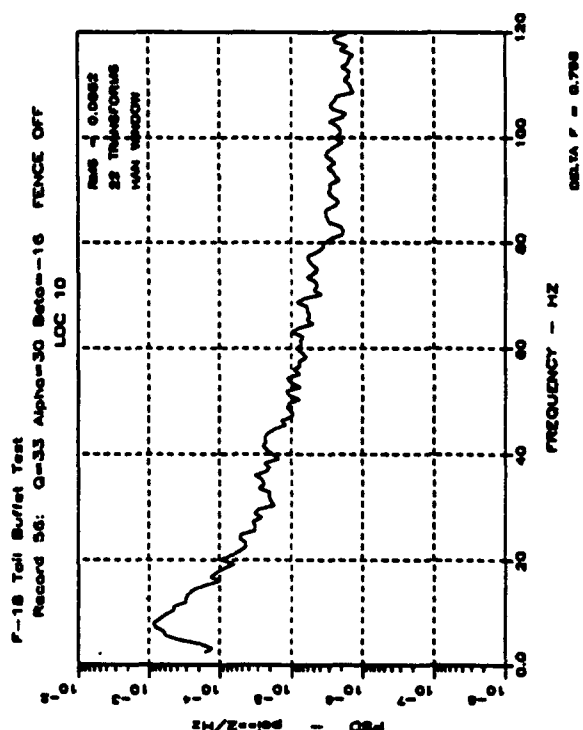
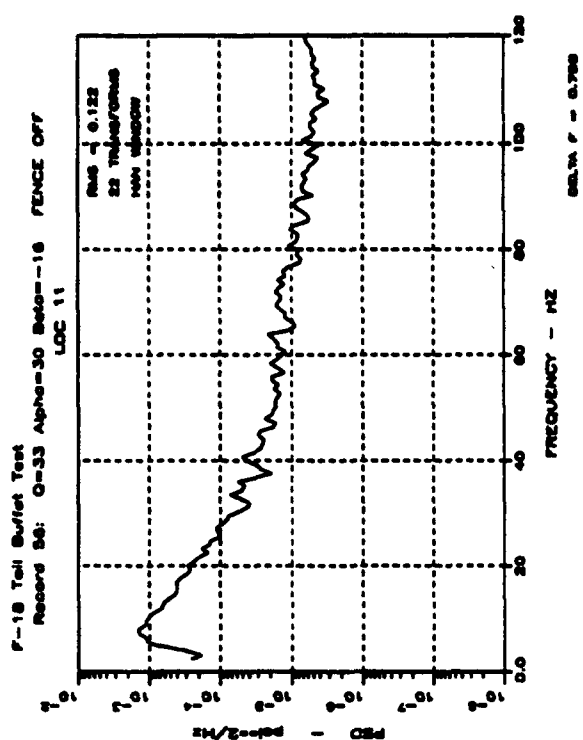
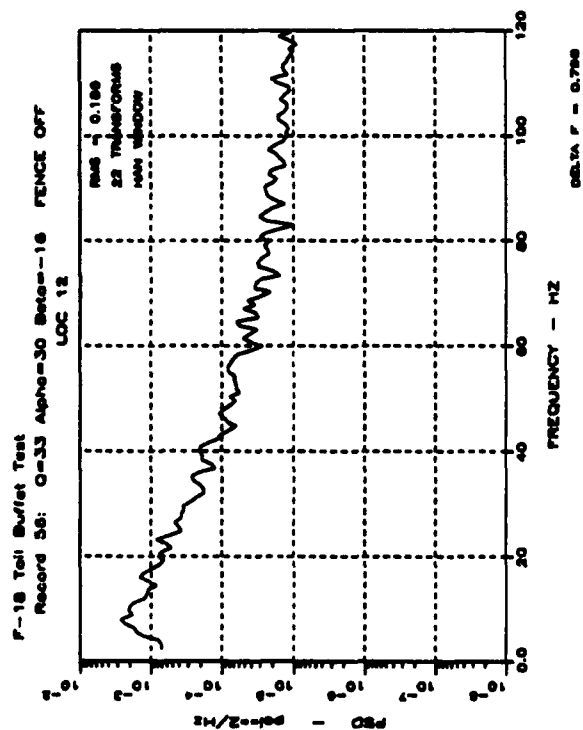


F-16 Tail Buffet Test  
Record 56: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 6

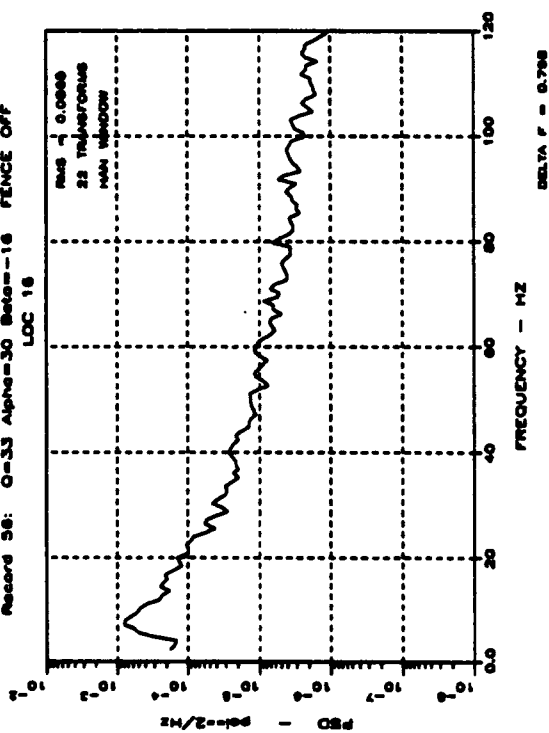


F-16 Tail Buffet Test  
Record 56: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 5

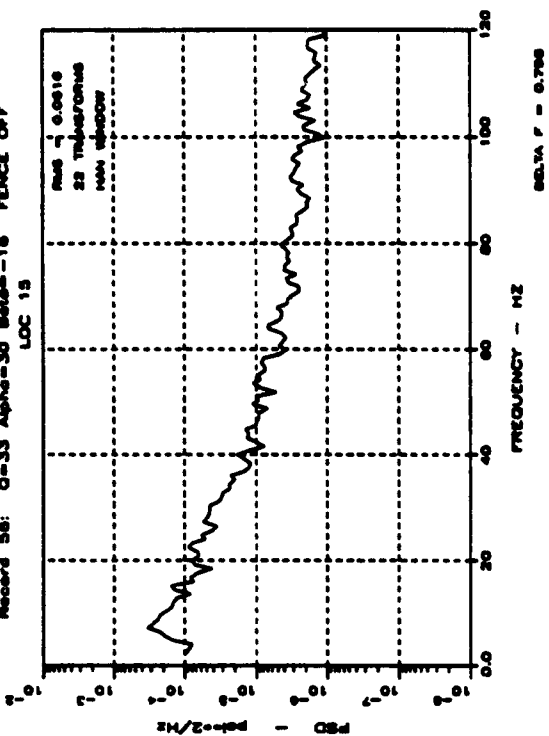




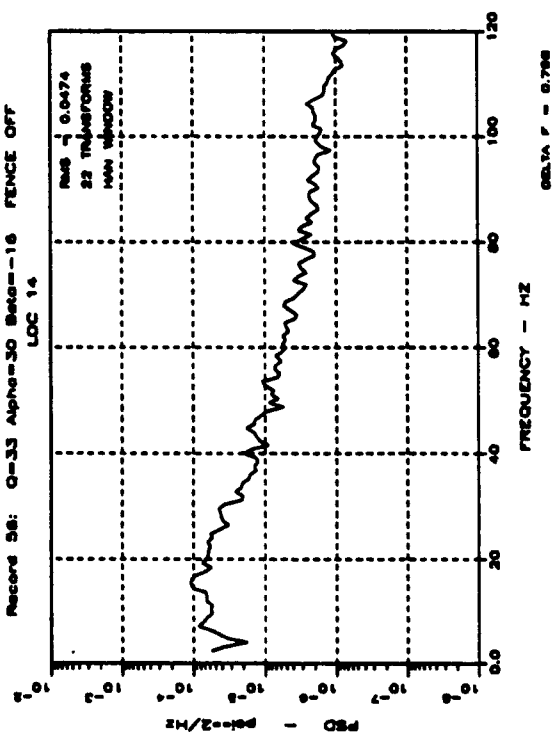
F-16 Tail Buffet Test  
Record 56: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 16



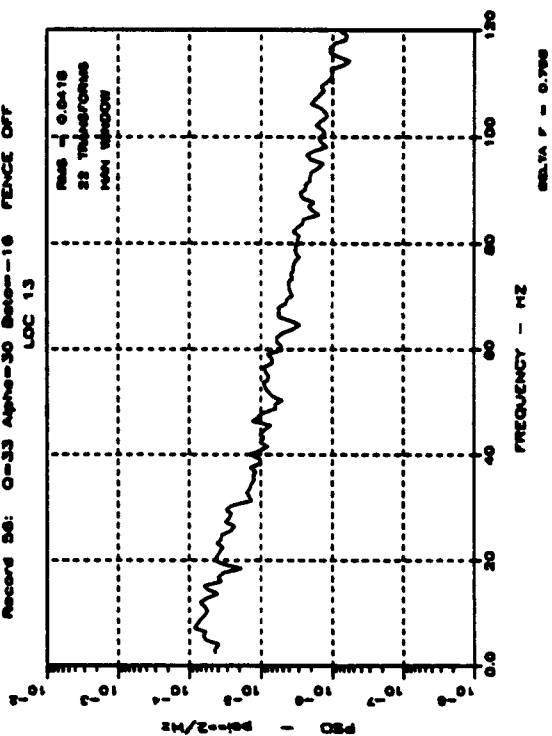
F-16 Tail Buffet Test  
Record 56: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 15



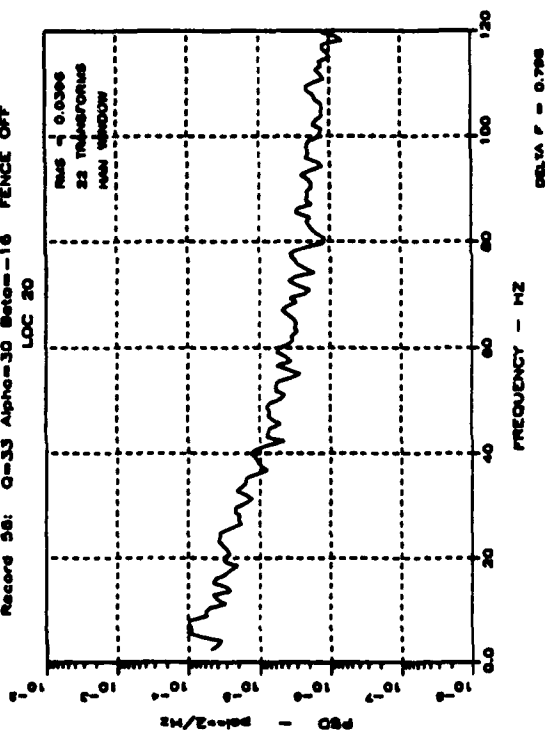
F-16 Tail Buffet Test  
Record 56: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 14



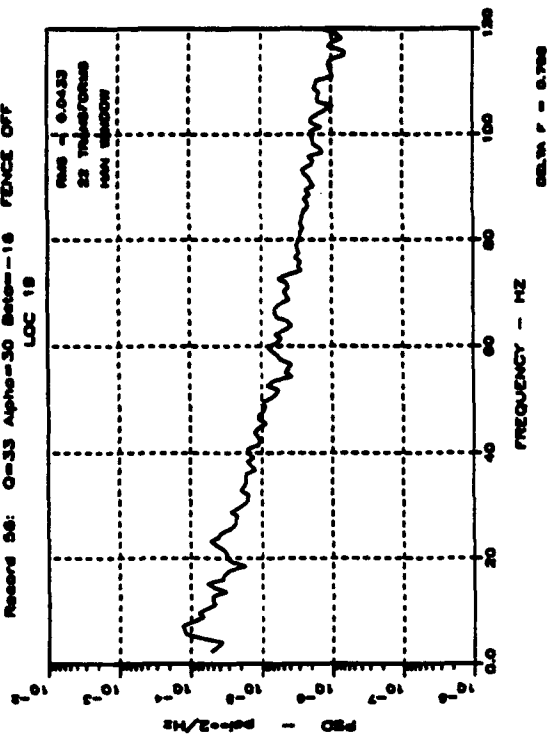
F-16 Tail Buffet Test  
Record 56: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 13



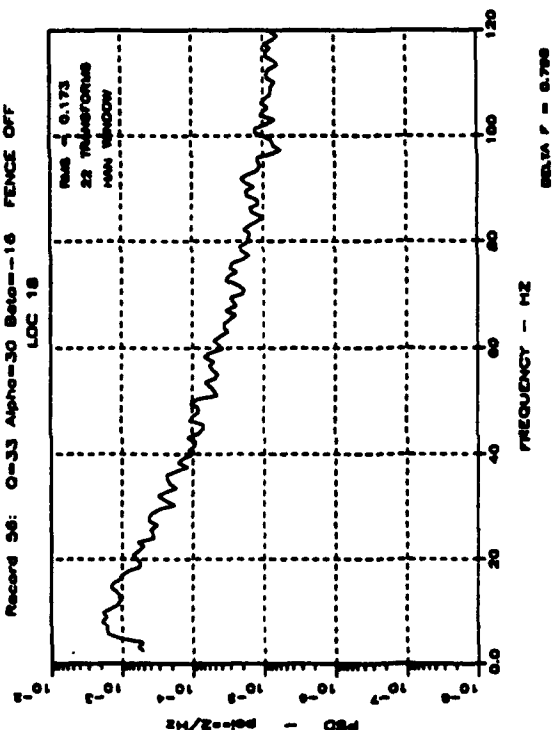
F-16 Tail Buffet Test  
Record 56: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 20



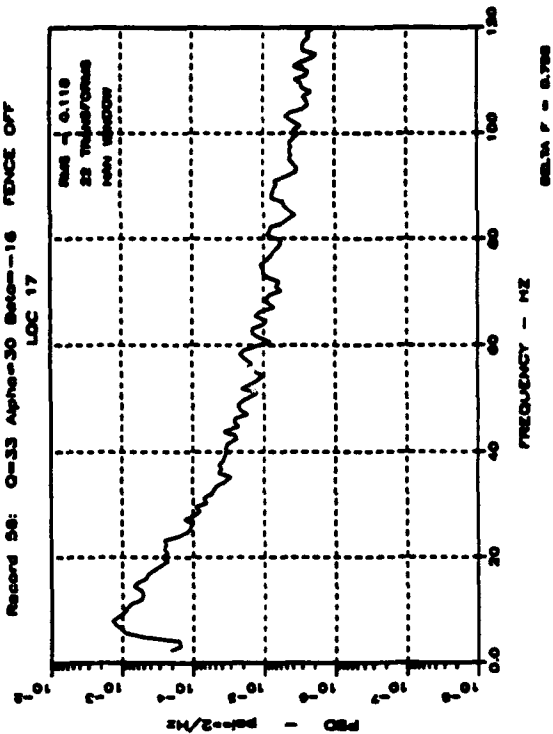
F-16 Tail Buffet Test  
Record 56: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 18



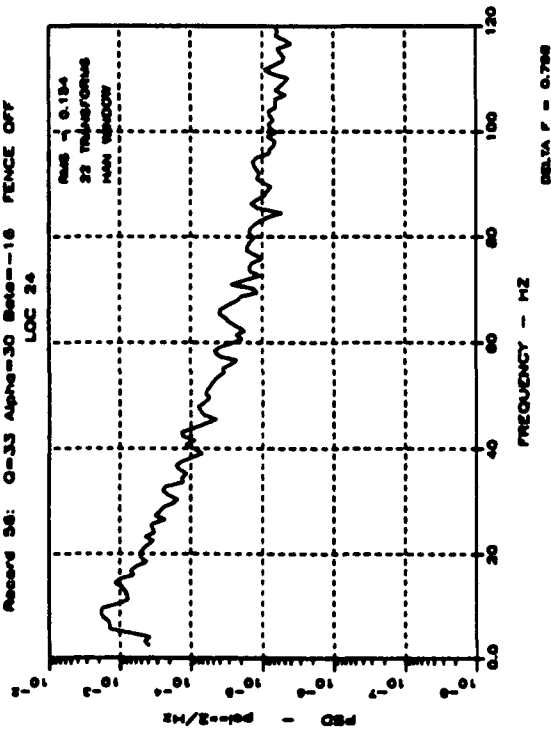
F-16 Tail Buffet Test  
Record 56: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 18



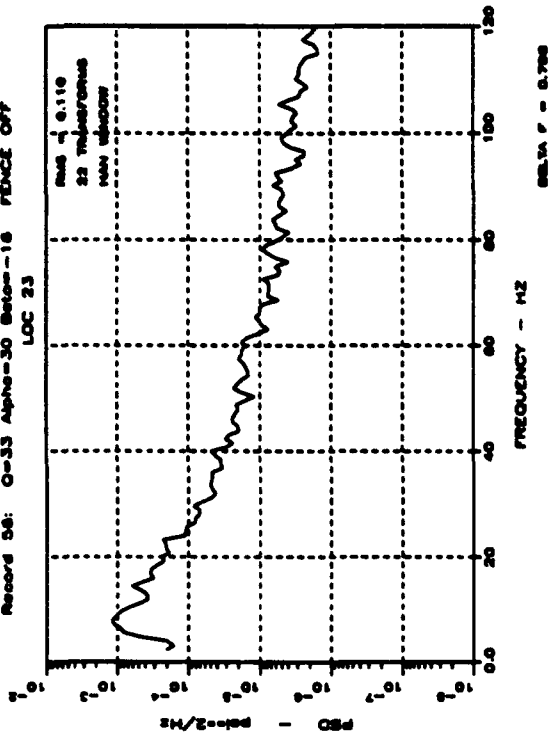
F-16 Tail Buffet Test  
Record 56: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 17



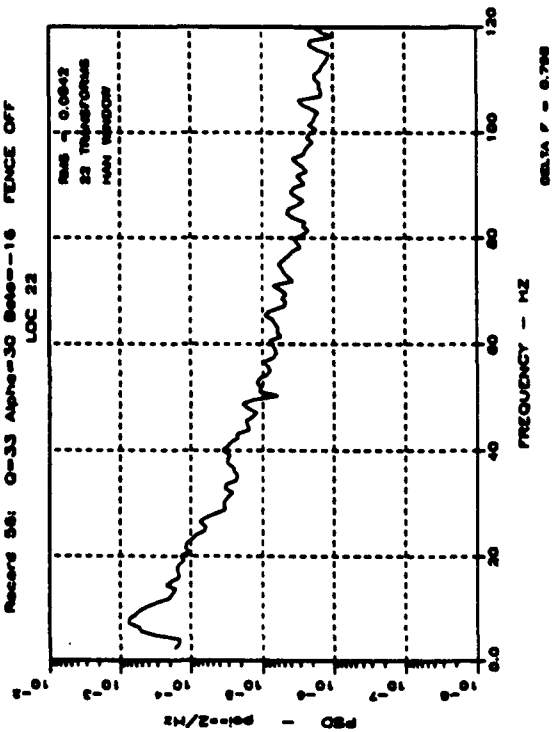
F-18 Tail Buffet Test  
Record 58: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 24



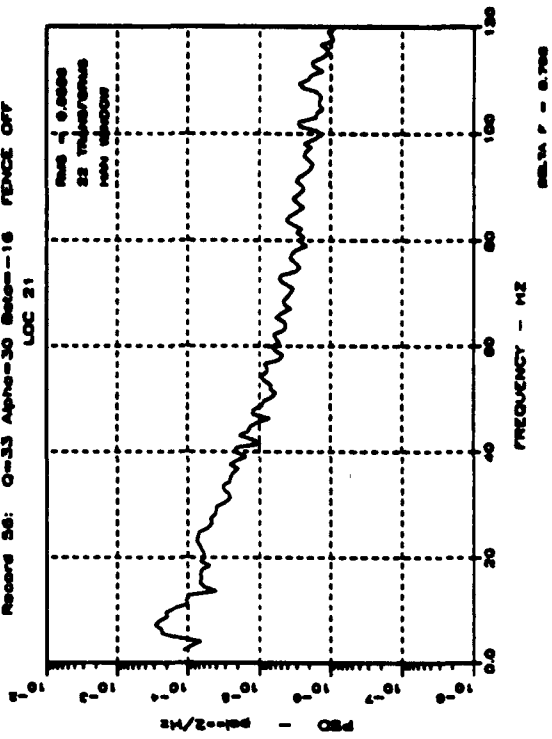
F-18 Tail Buffet Test  
Record 58: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 23



F-18 Tail Buffet Test  
Record 58: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 22

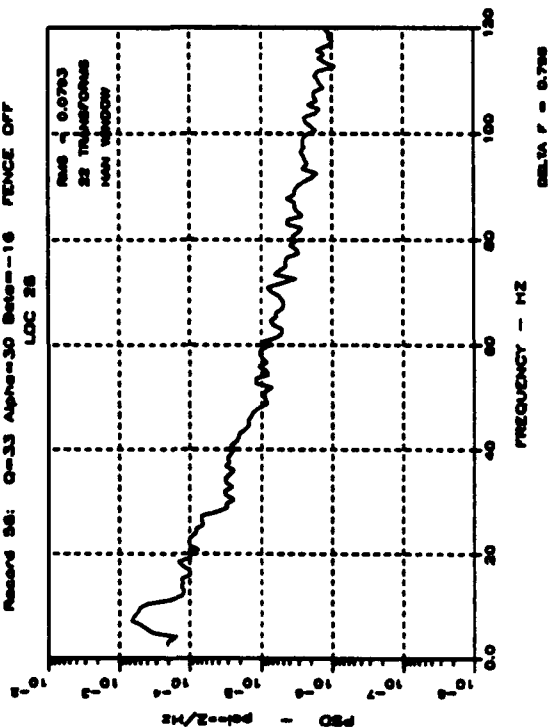


F-18 Tail Buffet Test  
Record 58: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 21

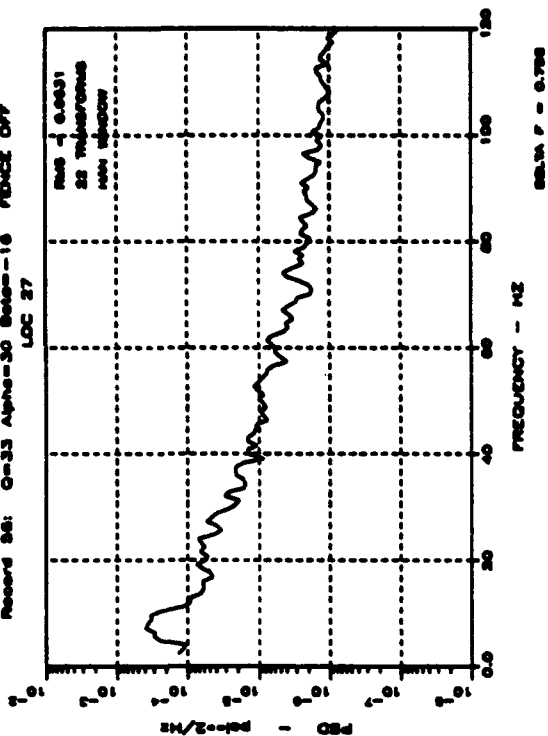




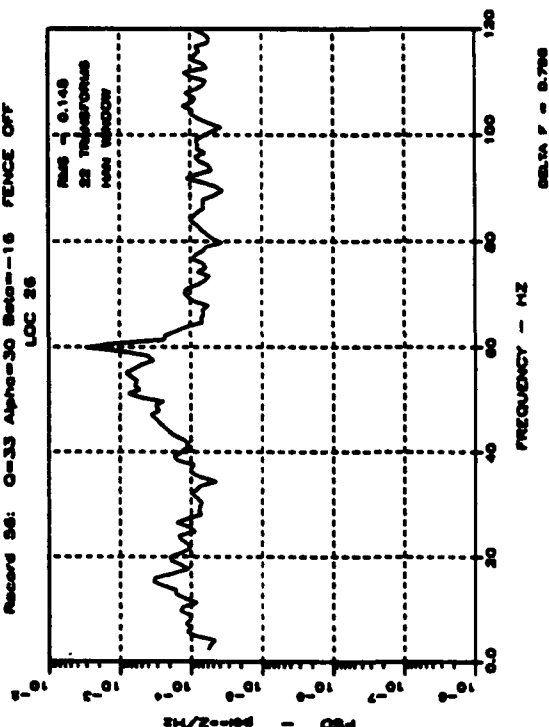
F-18 Tail Buffet Test  
Record 56: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 26



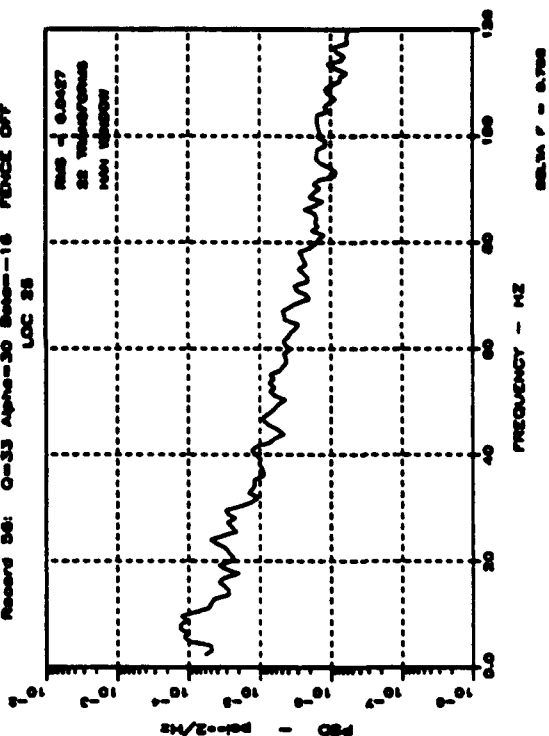
F-18 Tail Buffet Test  
Record 56: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 27



F-18 Tail Buffet Test  
Record 56: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 26

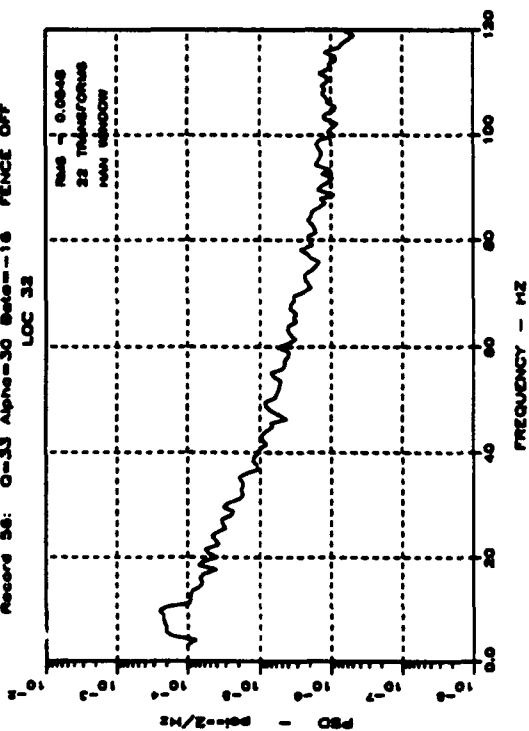


F-18 Tail Buffet Test  
Record 56: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 26



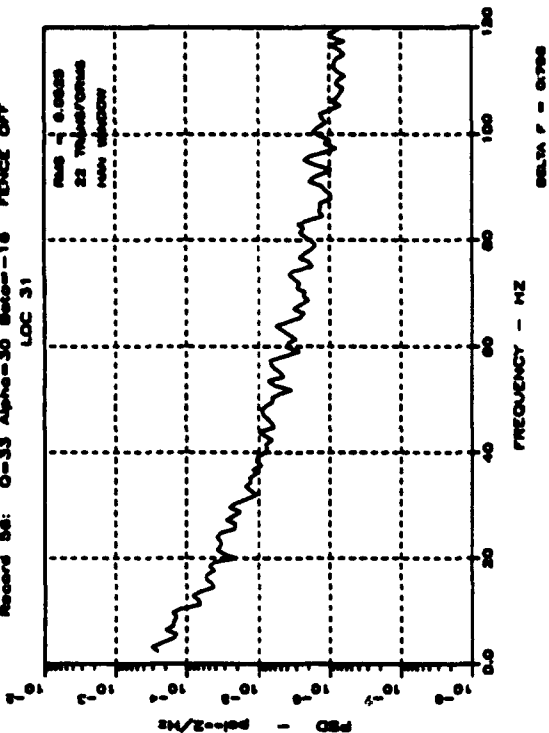
F-18 Tail Buffet Test

Record 56: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 33



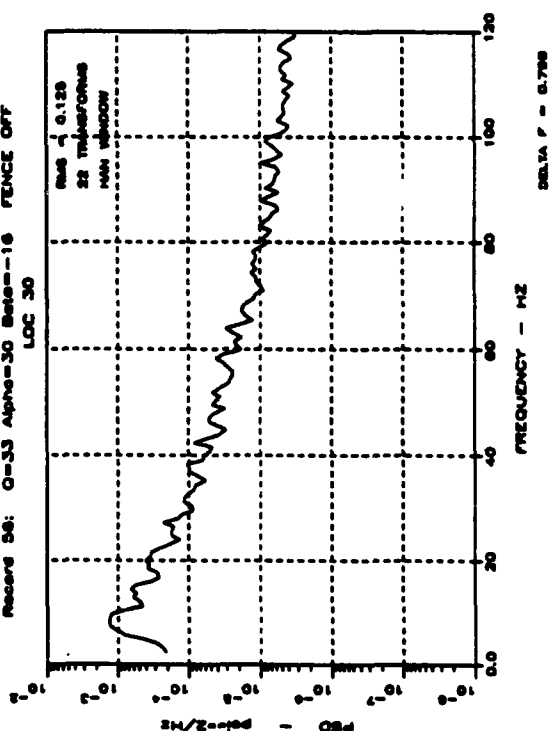
F-18 Tail Buffet Test

Record 56: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 31



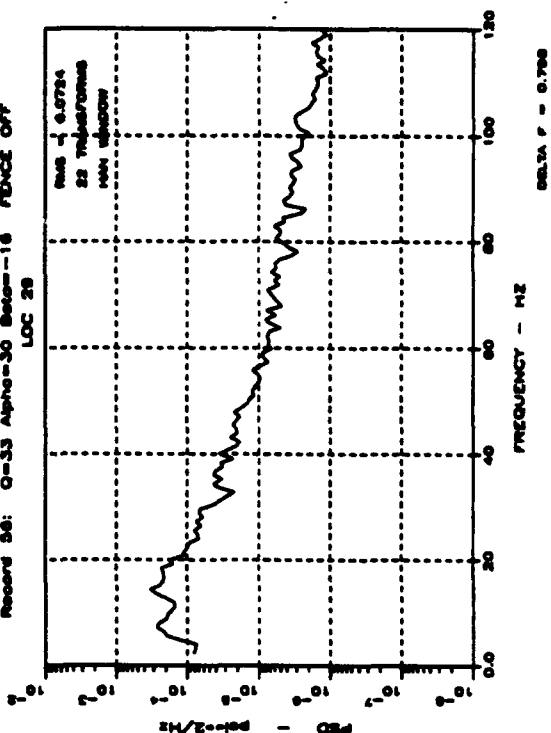
F-18 Tail Buffet Test

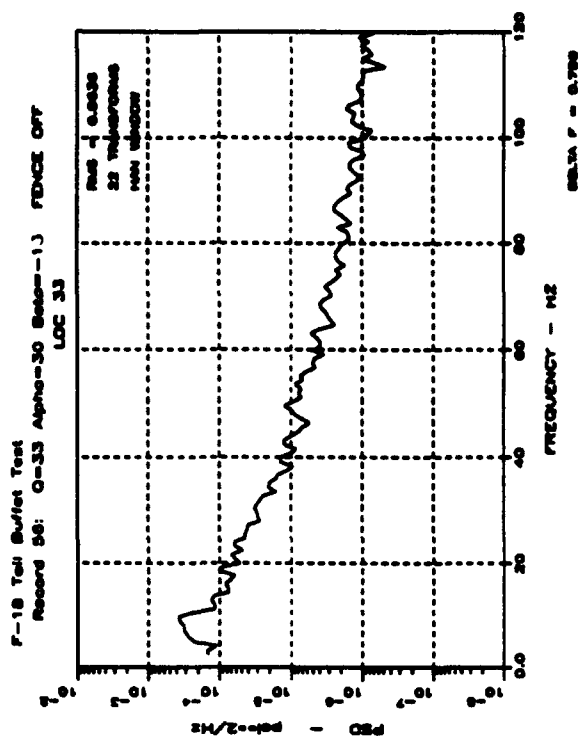
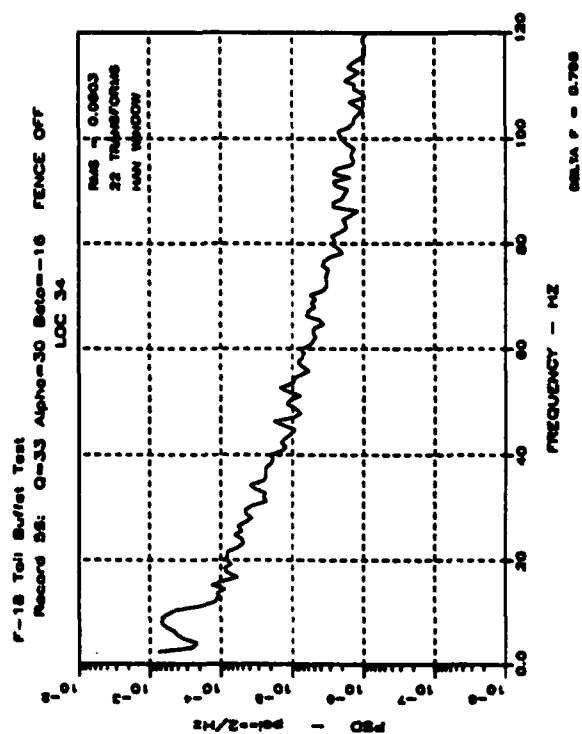
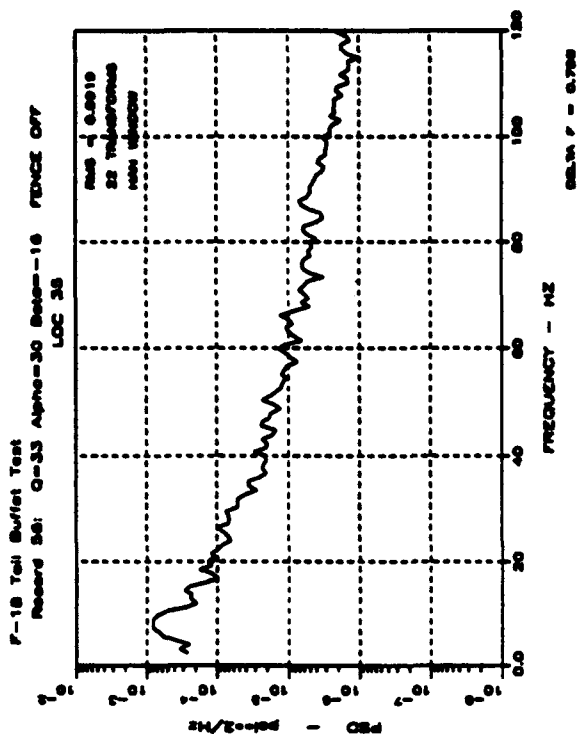
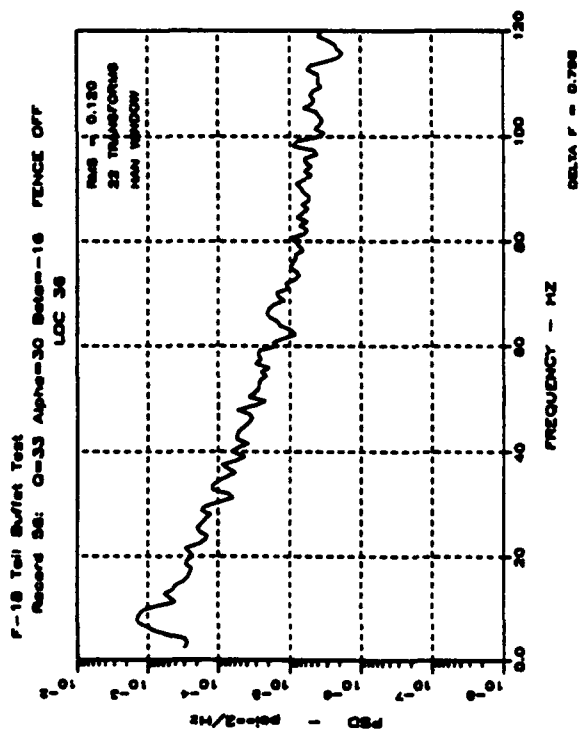
Record 56: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 30



F-18 Tail Buffet Test

Record 56: Q=33 Alpha=30 Beta=-16 FENCE OFF  
LOC 29

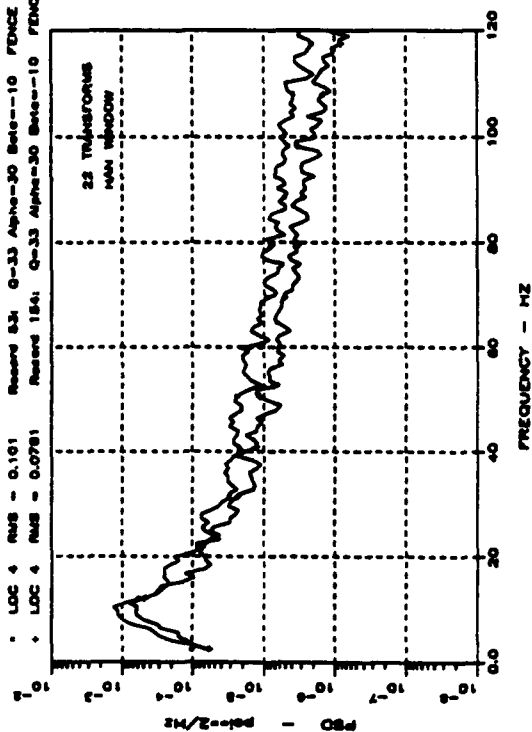






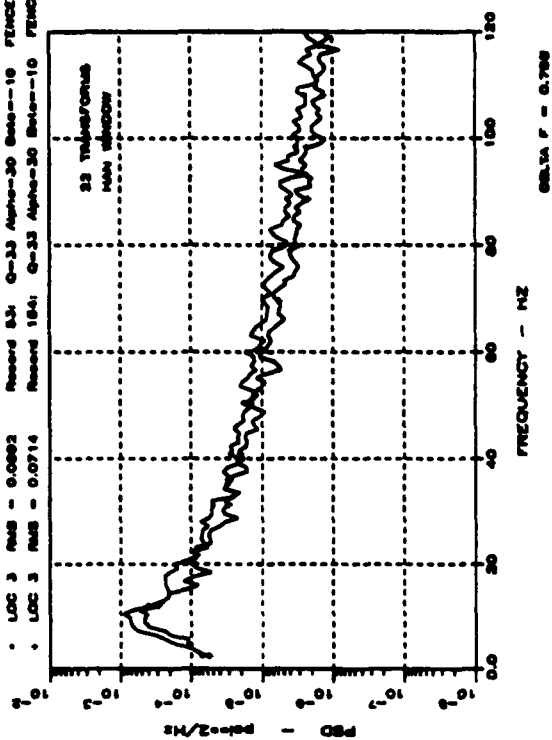
# F-16 Tail Buffet Test

LOC 4 RMS = 0.101 Record 83: Q-33 Alpha-30 Beta=-10 FENCE OFF  
LOC 4 RMS = 0.0781 Record 184: Q-33 Alpha-30 Beta=-10 FENCE ON



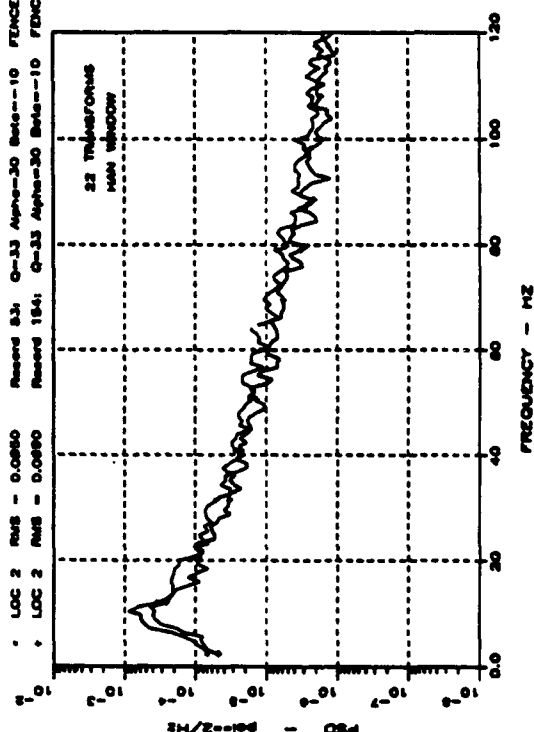
# F-16 Tail Buffet Test

LOC 3 RMS = 0.0892 Record 83: Q-33 Alpha-30 Beta=-10 FENCE OFF  
LOC 3 RMS = 0.0714 Record 184: Q-33 Alpha-30 Beta=-10 FENCE ON



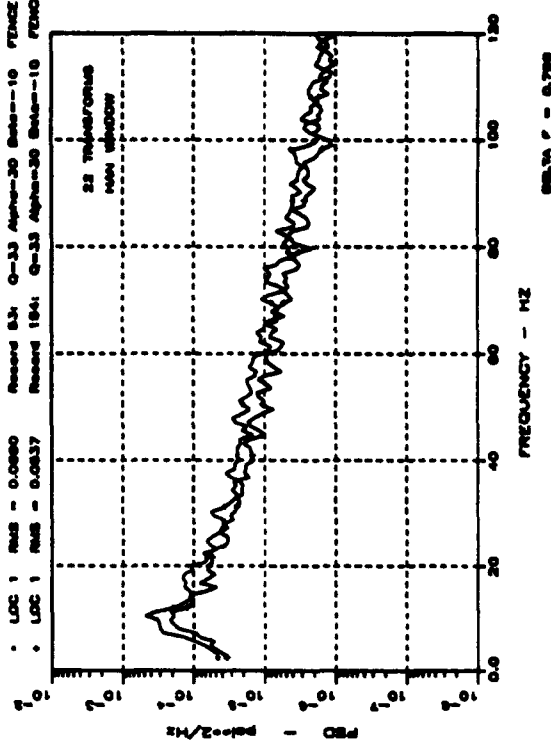
# F-16 Tail Buffet Test

LOC 2 RMS = 0.0860 Record 83: Q-33 Alpha-30 Beta=-10 FENCE OFF  
LOC 2 RMS = 0.0860 Record 184: Q-33 Alpha-30 Beta=-10 FENCE ON



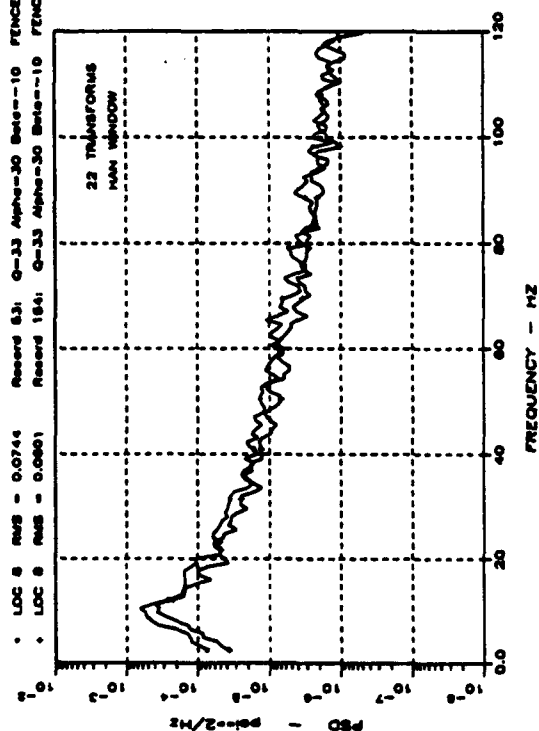
# F-16 Tail Buffet Test

LOC 1 RMS = 0.0880 Record 83: Q-33 Alpha-30 Beta=-10 FENCE OFF  
LOC 1 RMS = 0.0837 Record 184: Q-33 Alpha-30 Beta=-10 FENCE ON



F-18 Tail Buffet Test

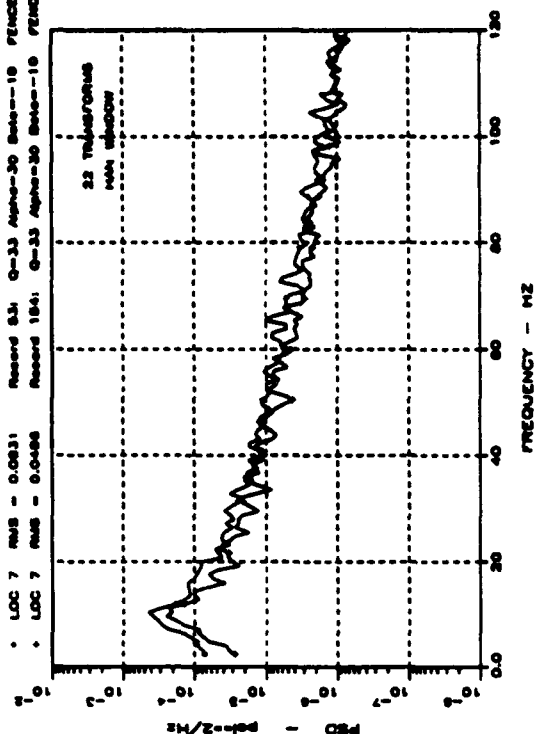
\* LOC 8 RMS = 0.0744 Record 83: Q-33 Alpha-30 Beta=-10 FENCE OFF  
 \* LOC 8 RMS = 0.0601 Record 184: Q-33 Alpha-30 Beta=-10 FENCE ON



DELTA F = 0.798

F-18 Tail Buffet Test

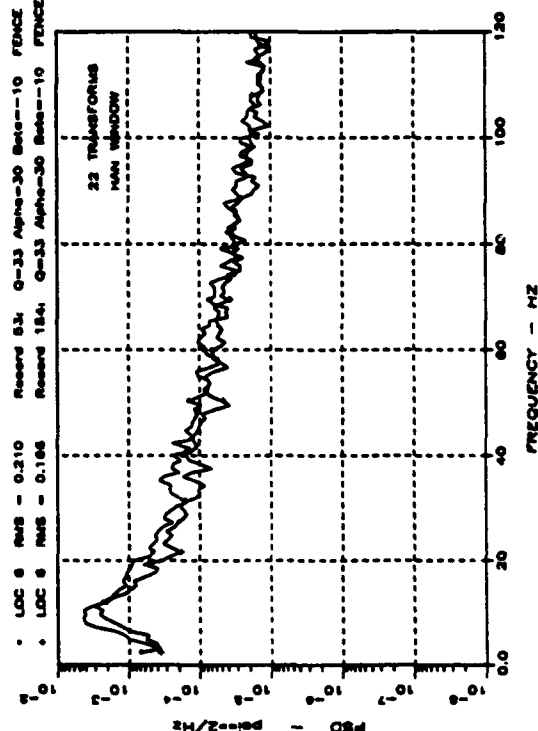
\* LOC 7 RMS = 0.0831 Record 83: Q-33 Alpha-30 Beta=-10 FENCE OFF  
 \* LOC 7 RMS = 0.0486 Record 184: Q-33 Alpha-30 Beta=-10 FENCE ON



DELTA F = 0.798

F-18 Tail Buffet Test

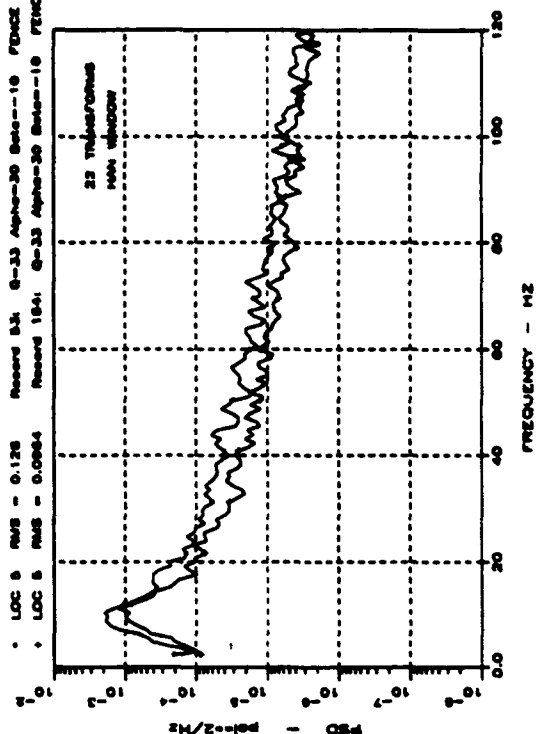
\* LOC 6 RMS = 0.210 Record 83: Q-33 Alpha-30 Beta=-10 FENCE OFF  
 \* LOC 6 RMS = 0.186 Record 184: Q-33 Alpha-30 Beta=-10 FENCE ON



DELTA F = 0.798

F-18 Tail Buffet Test

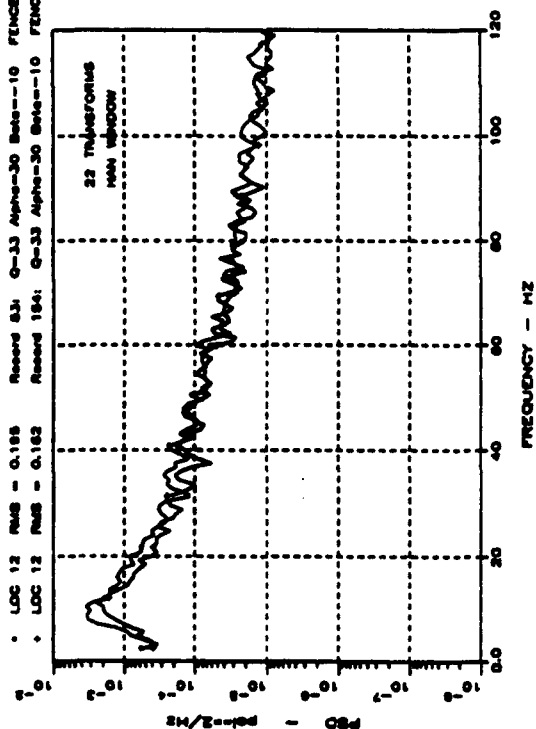
\* LOC 5 RMS = 0.126 Record 83: Q-33 Alpha-30 Beta=-10 FENCE OFF  
 \* LOC 5 RMS = 0.0884 Record 184: Q-33 Alpha-30 Beta=-10 FENCE ON



DELTA F = 0.798

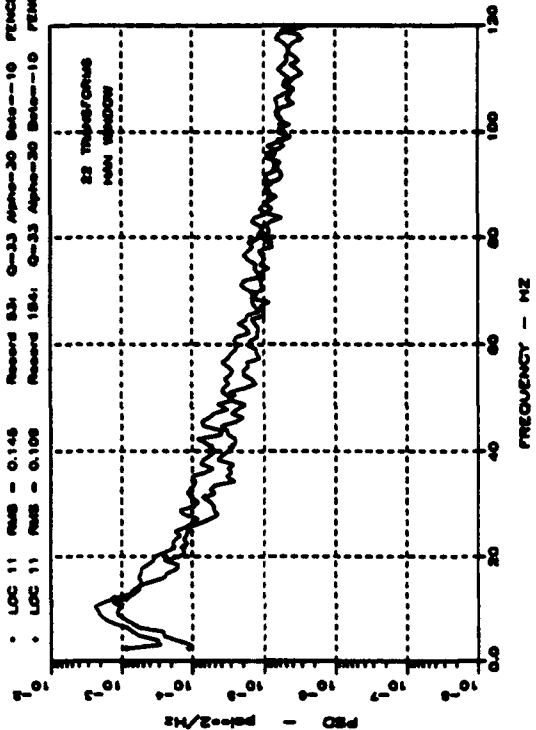
# F-16 Tail Buffet Test

• LOC 12 RMS = 0.108 Record 83: Q-33 Alpha-30 Beta-10 FENCE OFF  
 • LOC 12 RMS = 0.103 Record 184: Q-33 Alpha-30 Beta-10 FENCE ON



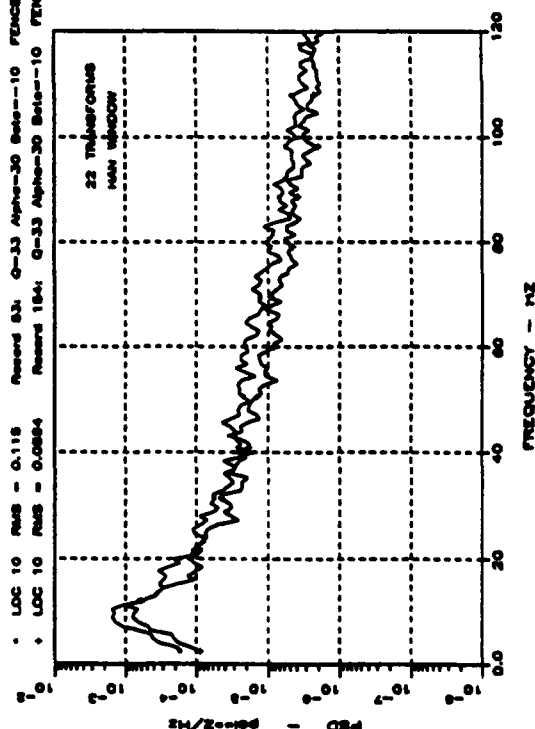
# F-16 Tail Buffet Test

• LOC 11 RMS = 0.148 Record 83: Q-33 Alpha-30 Beta-10 FENCE OFF  
 • LOC 11 RMS = 0.108 Record 184: Q-33 Alpha-30 Beta-10 FENCE ON



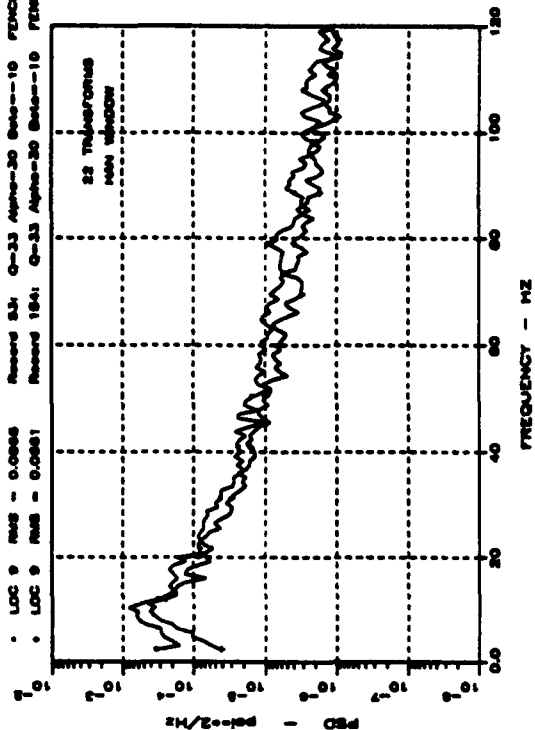
# F-16 Tail Buffet Test

• LOC 10 RMS = 0.118 Record 83: Q-33 Alpha-30 Beta-10 FENCE OFF  
 • LOC 10 RMS = 0.0894 Record 184: Q-33 Alpha-30 Beta-10 FENCE ON



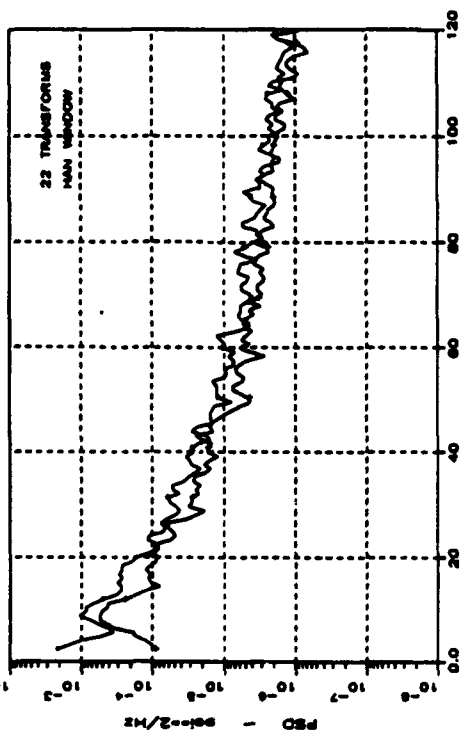
# F-16 Tail Buffet Test

• LOC 9 RMS = 0.0896 Record 83: Q-33 Alpha-30 Beta-10 FENCE OFF  
 • LOC 9 RMS = 0.0881 Record 184: Q-33 Alpha-30 Beta-10 FENCE ON



F-18 Tail Buffet Test

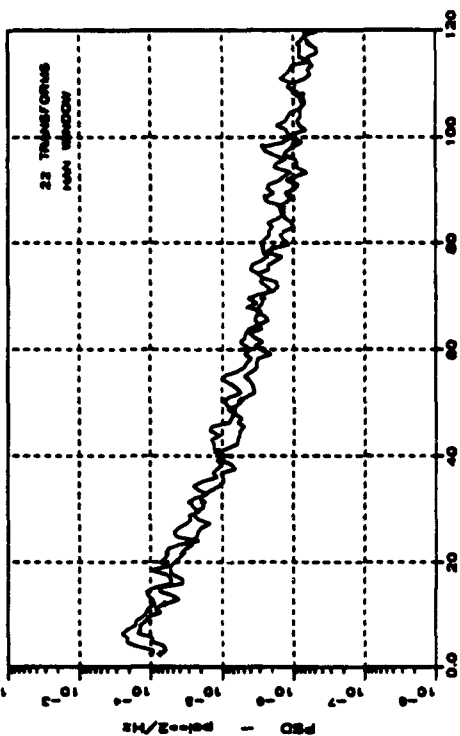
• LOC 16 RMS = 0.112 Record 83; Q-33 Alpha-30 Beta=-10 FENCE OFF  
 • LOC 16 RMS = 0.0727 Record 184; Q-33 Alpha-30 Beta=-10 FENCE ON



FREQUENCY - HZ  
 DELTA F = 0.750

F-18 Tail Buffet Test

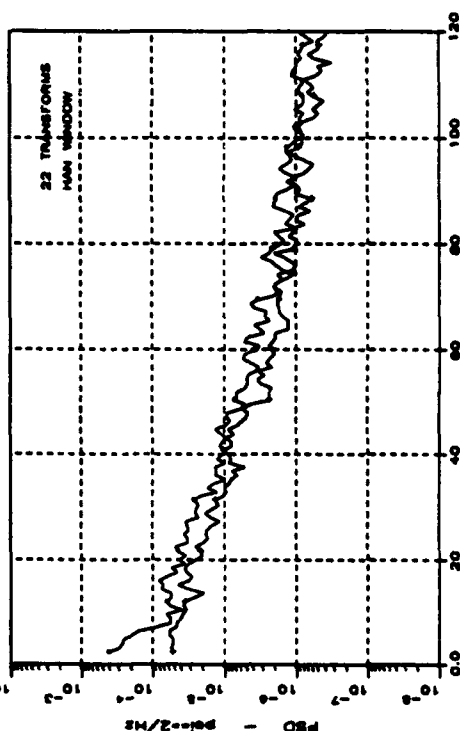
• LOC 16 RMS = 0.0900 Record 83; Q-33 Alpha-30 Beta=-10 FENCE OFF  
 • LOC 16 RMS = 0.0448 Record 184; Q-33 Alpha-30 Beta=-10 FENCE ON



FREQUENCY - HZ  
 DELTA F = 0.750

F-18 Tail Buffet Test

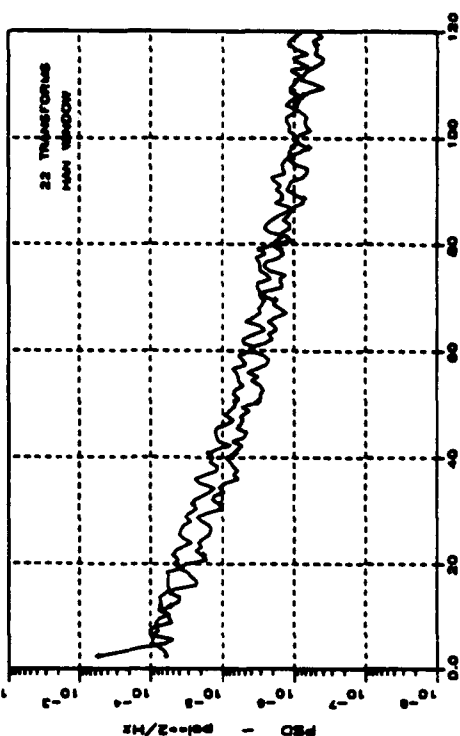
• LOC 14 RMS = 0.0827 Record 83; Q-33 Alpha-30 Beta=-10 FENCE OFF  
 • LOC 14 RMS = 0.0339 Record 184; Q-33 Alpha-30 Beta=-10 FENCE ON



FREQUENCY - HZ  
 DELTA F = 0.750

F-18 Tail Buffet Test

• LOC 13 RMS = 0.0418 Record 83; Q-33 Alpha-30 Beta=-10 FENCE OFF  
 • LOC 13 RMS = 0.0484 Record 184; Q-33 Alpha-30 Beta=-10 FENCE ON

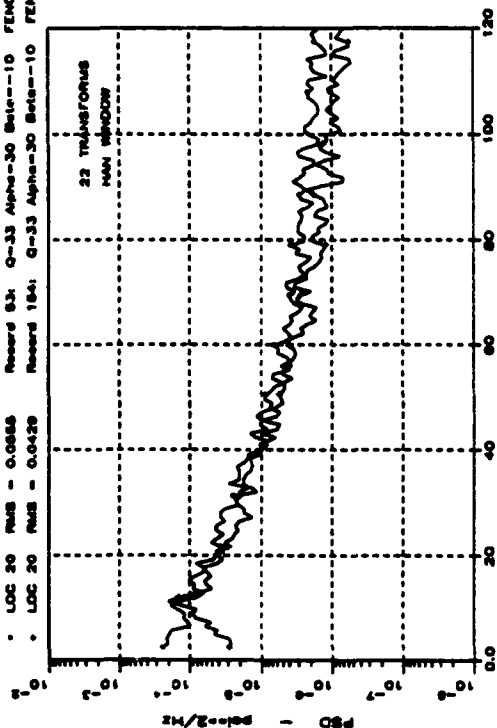


FREQUENCY - HZ  
 DELTA F = 0.750



# F-16 Tail Buffet Test

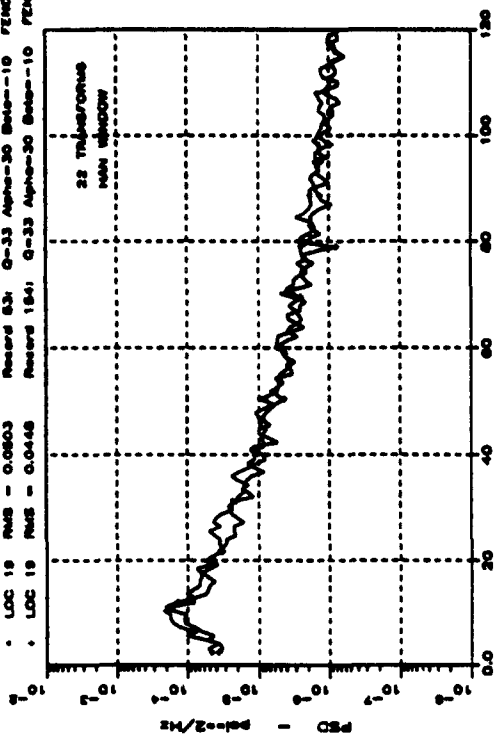
• LOC 20 RMS = 0.0665 Record 53: Q-33 Alpha-30 Beta=-10 FENCE OFF  
• LOC 20 RMS = 0.0429 Record 184: Q-33 Alpha-30 Beta=-10 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

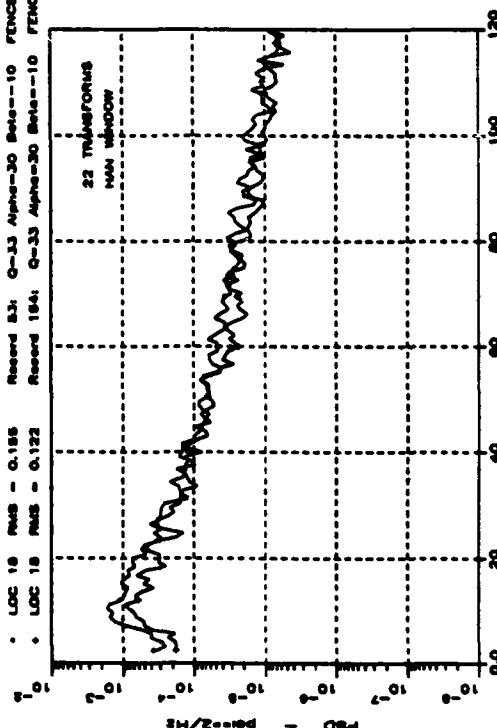
• LOC 19 RMS = 0.0603 Record 53: Q-33 Alpha-30 Beta=-10 FENCE OFF  
• LOC 19 RMS = 0.0448 Record 184: Q-33 Alpha-30 Beta=-10 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

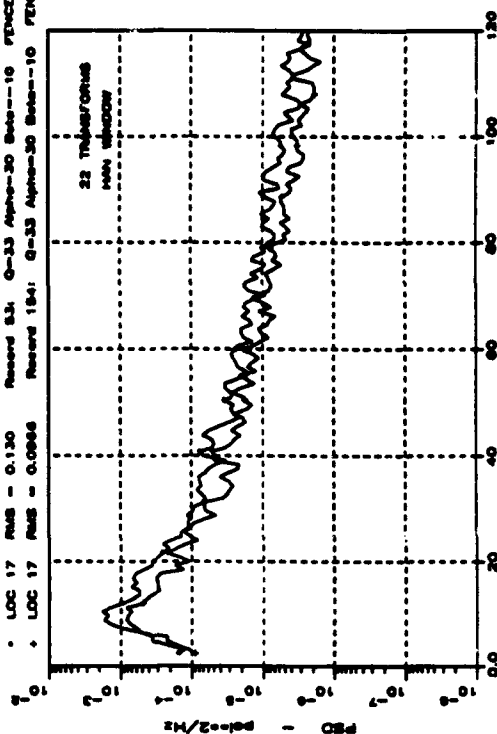
• LOC 18 RMS = 0.185 Record 53: Q-33 Alpha-30 Beta=-10 FENCE OFF  
• LOC 18 RMS = 0.122 Record 184: Q-33 Alpha-30 Beta=-10 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

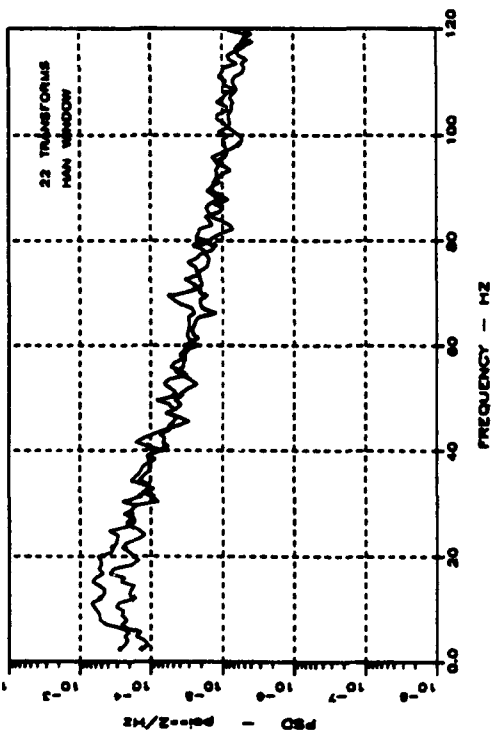
• LOC 17 RMS = 0.130 Record 53: Q-33 Alpha-30 Beta=-10 FENCE OFF  
• LOC 17 RMS = 0.0966 Record 184: Q-33 Alpha-30 Beta=-10 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

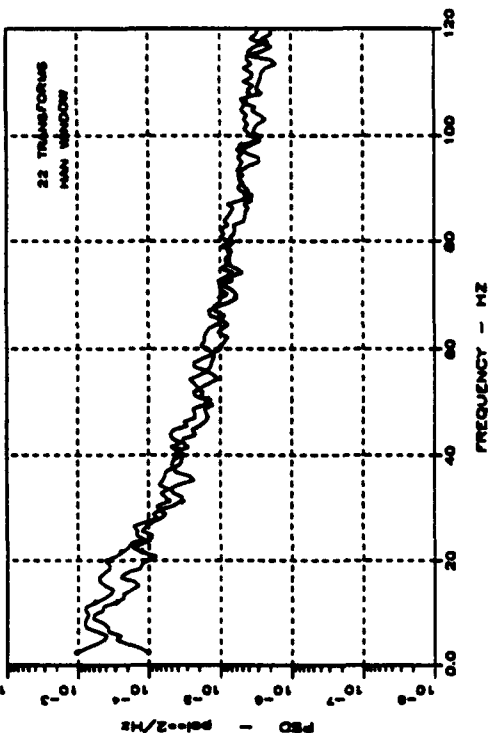
• LOC 24 RMS = 0.121 Record 53: Q-33 Alpha-30 Beta=-10 FENCE OFF  
 • LOC 24 RMS = 0.0921 Record 184: Q-33 Alpha-30 Beta=-10 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

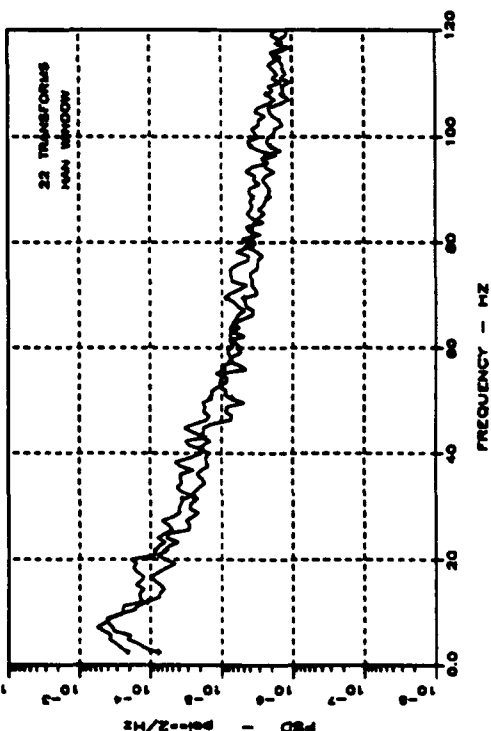
• LOC 23 RMS = 0.116 Record 53: Q-33 Alpha-30 Beta=-10 FENCE OFF  
 • LOC 23 RMS = 0.0841 Record 184: Q-33 Alpha-30 Beta=-10 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

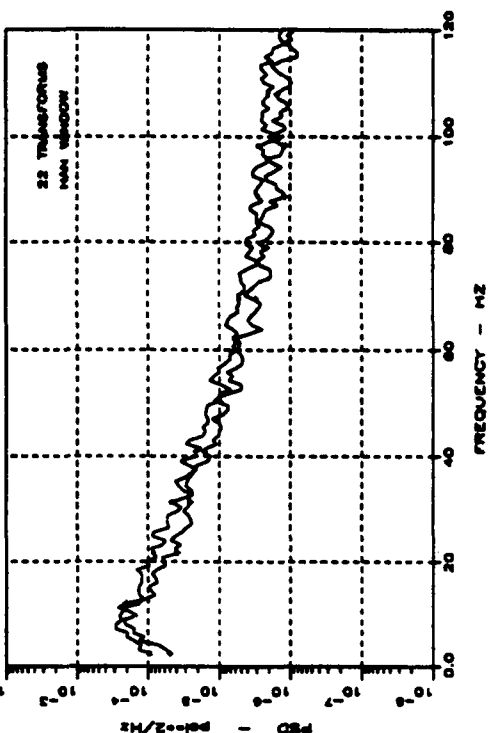
• LOC 22 RMS = 0.0783 Record 53: Q-33 Alpha-30 Beta=-10 FENCE OFF  
 • LOC 22 RMS = 0.0438 Record 184: Q-33 Alpha-30 Beta=-10 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

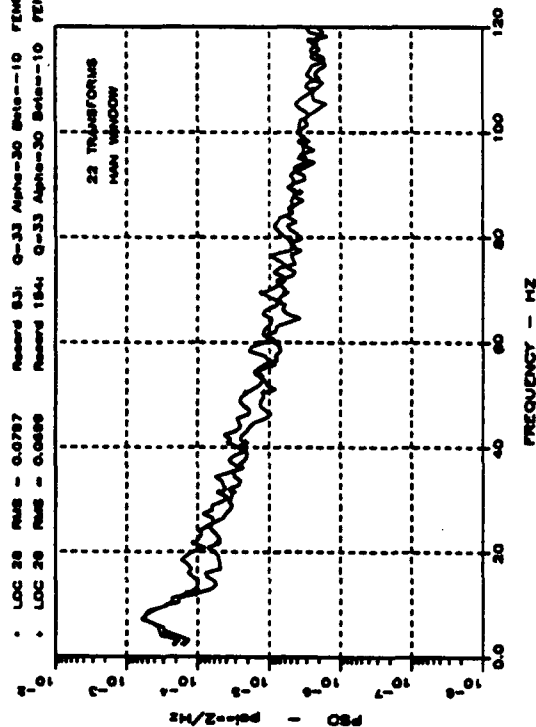
• LOC 21 RMS = 0.0971 Record 53: Q-33 Alpha-30 Beta=-10 FENCE OFF  
 • LOC 21 RMS = 0.0660 Record 184: Q-33 Alpha-30 Beta=-10 FENCE ON



DELTA F = 0.798

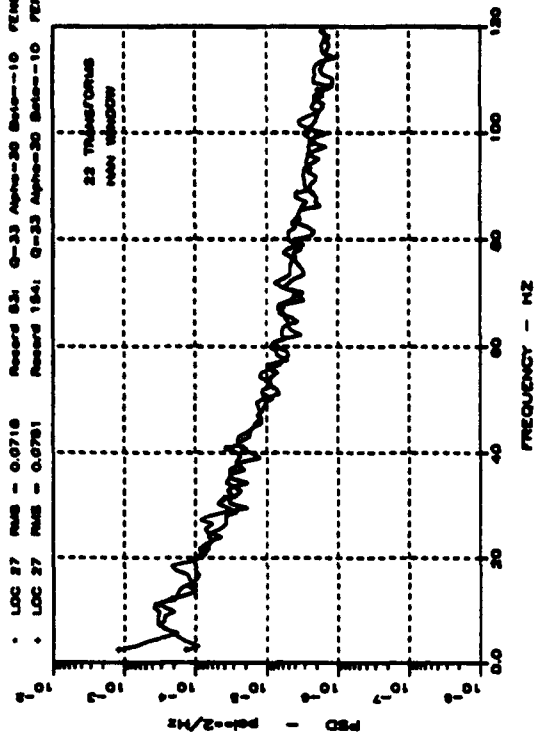
# F-18 Tail Buffet Test

LOC 28 RMS = 0.0787 Record 83: Q-33 Alpha-30 Beta=-10 FENCE OFF  
LOC 28 RMS = 0.0486 Record 154: Q-33 Alpha-30 Beta=-10 FENCE ON



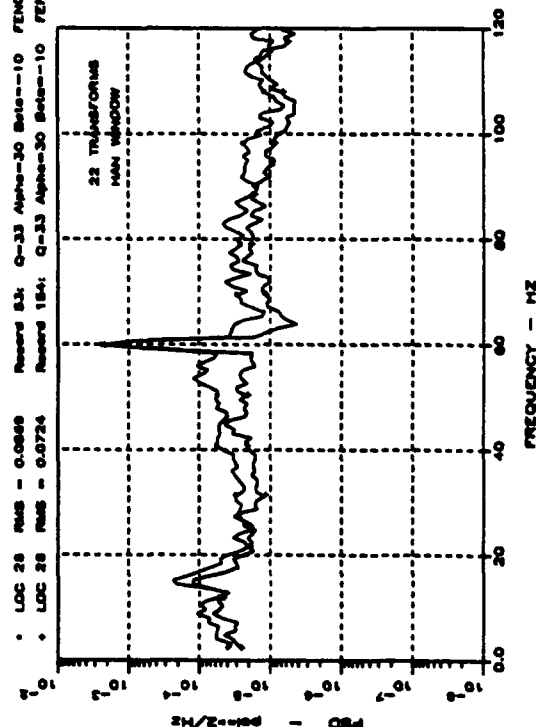
# F-18 Tail Buffet Test

LOC 27 RMS = 0.0718 Record 83: Q-33 Alpha-30 Beta=-10 FENCE OFF  
LOC 27 RMS = 0.0781 Record 154: Q-33 Alpha-30 Beta=-10 FENCE ON



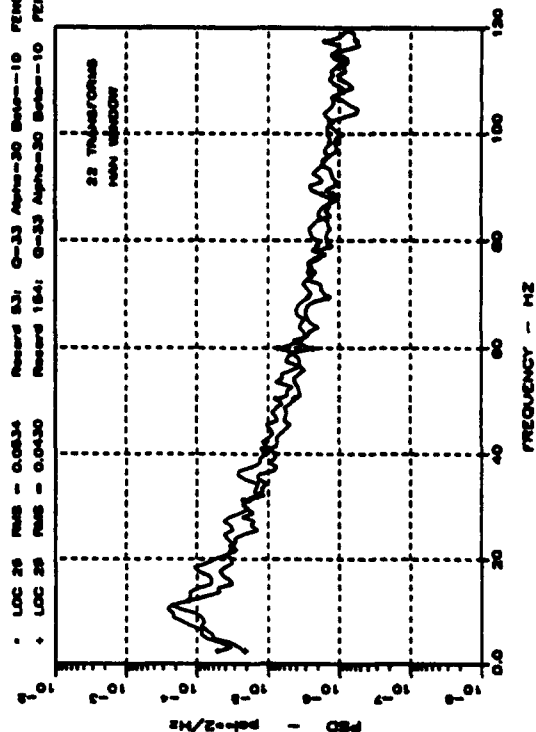
# F-18 Tail Buffet Test

LOC 28 RMS = 0.0886 Record 83: Q-33 Alpha-30 Beta=-10 FENCE OFF  
LOC 28 RMS = 0.0724 Record 154: Q-33 Alpha-30 Beta=-10 FENCE ON



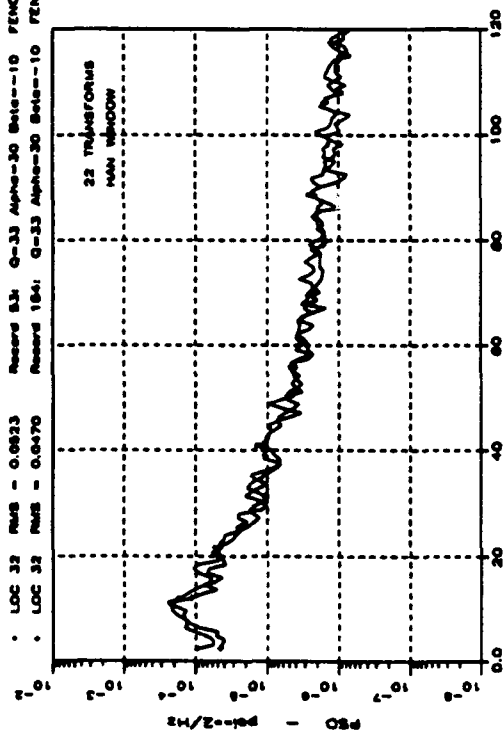
# F-18 Tail Buffet Test

LOC 28 RMS = 0.0834 Record 83: Q-33 Alpha-30 Beta=-10 FENCE OFF  
LOC 28 RMS = 0.0430 Record 154: Q-33 Alpha-30 Beta=-10 FENCE ON



# F-16 Tail Buffet Test

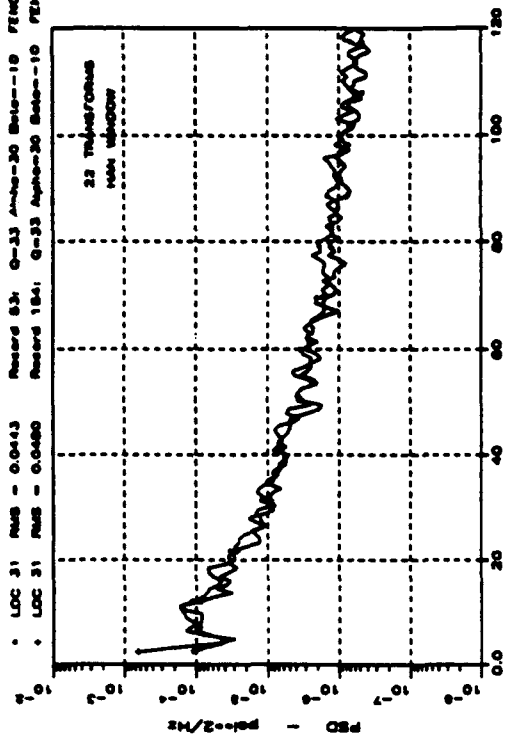
• LOC 32 RMS = 0.0823 Record 83: Q-33 Alpha-30 Beta=-10 FENCE OFF  
 • LOC 32 RMS = 0.0470 Record 184: Q-33 Alpha-30 Beta=-10 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

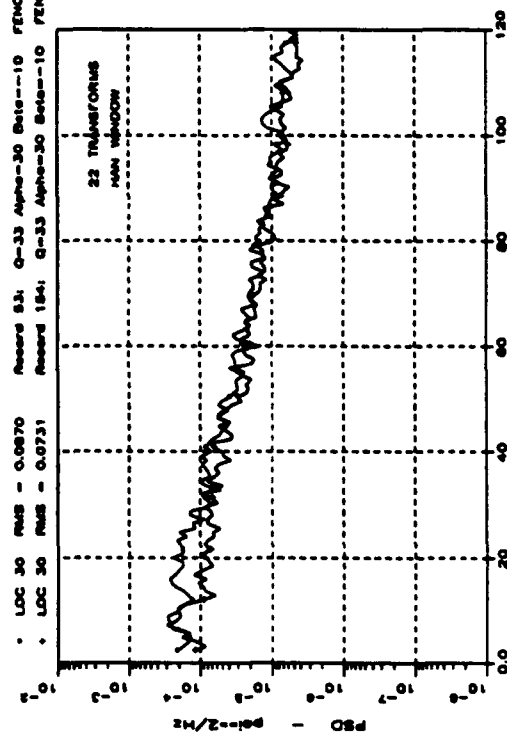
• LOC 31 RMS = 0.0413 Record 83: Q-33 Alpha-30 Beta=-10 FENCE OFF  
 • LOC 31 RMS = 0.0480 Record 184: Q-33 Alpha-30 Beta=-10 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

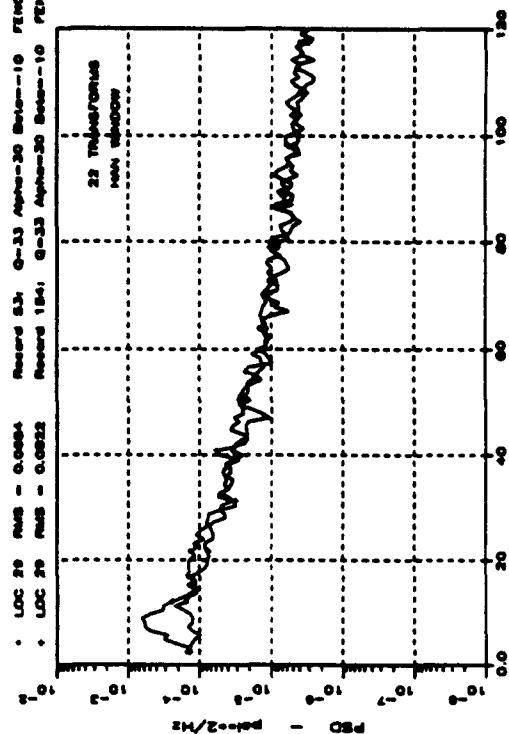
• LOC 30 RMS = 0.0870 Record 83: Q-33 Alpha-30 Beta=-10 FENCE OFF  
 • LOC 30 RMS = 0.0731 Record 184: Q-33 Alpha-30 Beta=-10 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

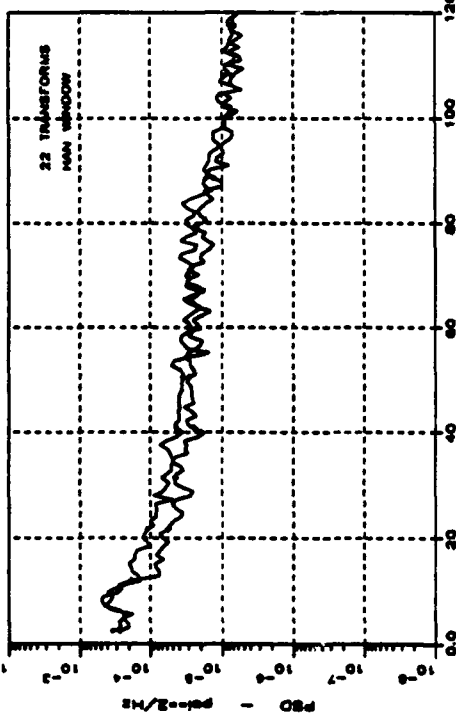
• LOC 29 RMS = 0.0884 Record 83: Q-33 Alpha-30 Beta=-10 FENCE OFF  
 • LOC 29 RMS = 0.0822 Record 184: Q-33 Alpha-30 Beta=-10 FENCE ON



DELTA F = 0.798

F-16 Tail Buffet Test

LOC 38 RMS = 0.0855 Record 83: Q-33 Alpha-30 Beta=-10 FENCE OFF  
LOC 38 RMS = 0.0781 Record 184: Q-33 Alpha-30 Beta=-10 FENCE ON

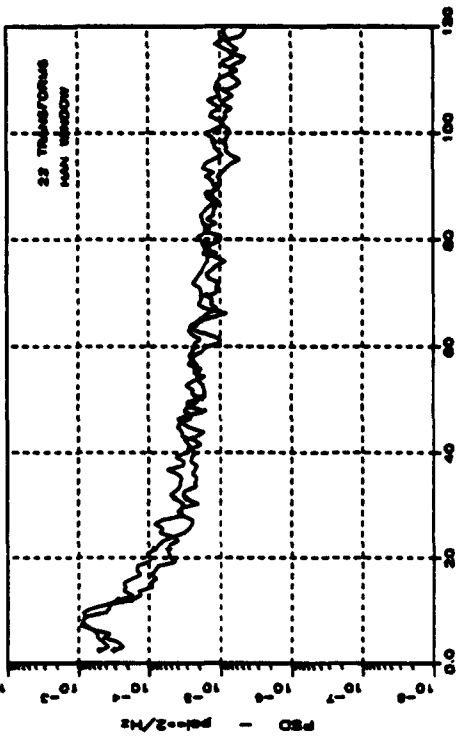


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 38 RMS = 0.0882 Record 83: Q-33 Alpha-30 Beta=-10 FENCE OFF  
LOC 38 RMS = 0.0808 Record 184: Q-33 Alpha-30 Beta=-10 FENCE ON

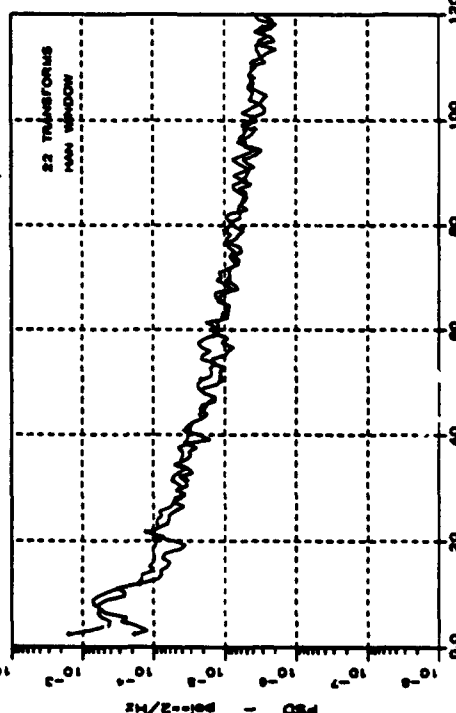


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 34 RMS = 0.0844 Record 83: Q-33 Alpha-30 Beta=-10 FENCE OFF  
LOC 34 RMS = 0.0736 Record 184: Q-33 Alpha-30 Beta=-10 FENCE ON

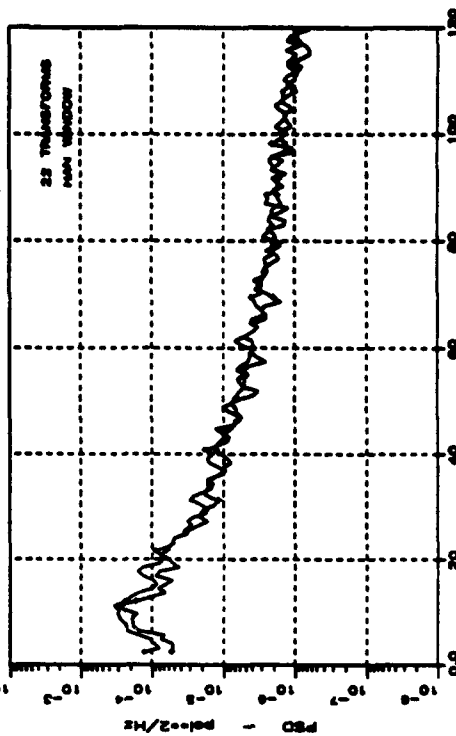


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 33 RMS = 0.0833 Record 83: Q-33 Alpha-30 Beta=-10 FENCE OFF  
LOC 33 RMS = 0.0831 Record 184: Q-33 Alpha-30 Beta=-10 FENCE ON



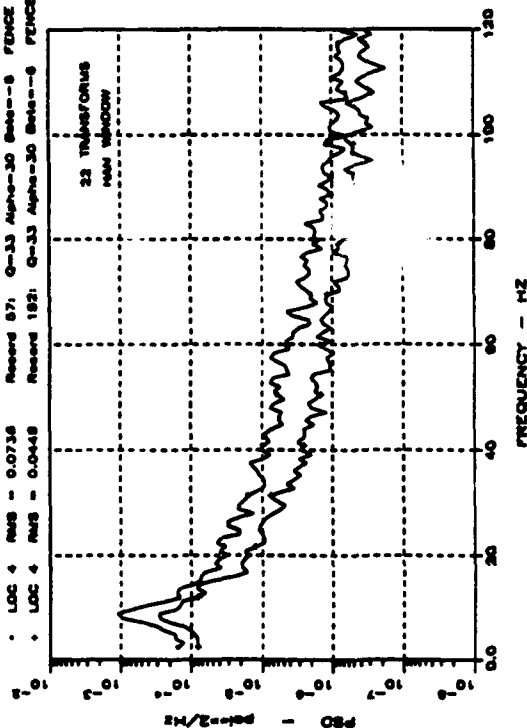
FREQUENCY - HZ

DELTA F = 0.798



F-16 Tail Buffet Test

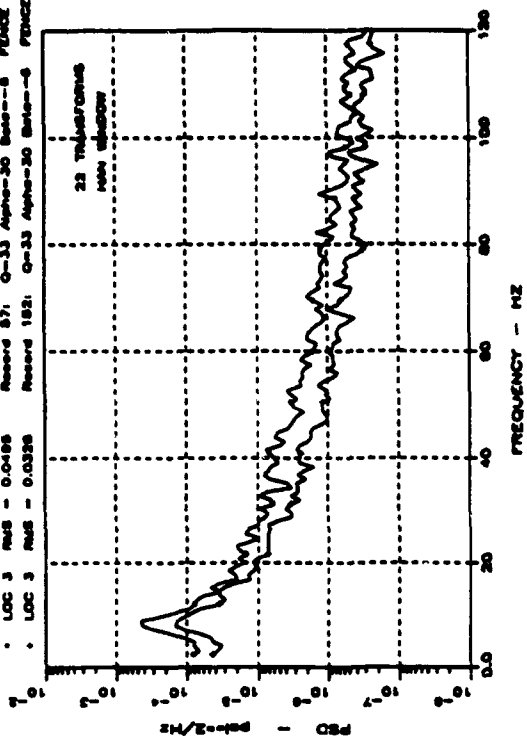
LOC 4 RMS = 0.0736 Record 87: Q-33 Alpha-30 Beta--8 FENCE OFF  
LOC 4 RMS = 0.0448 Record 182: Q-33 Alpha-30 Beta--8 FENCE ON



DELTA F = 0.798

F-16 Tail Buffet Test

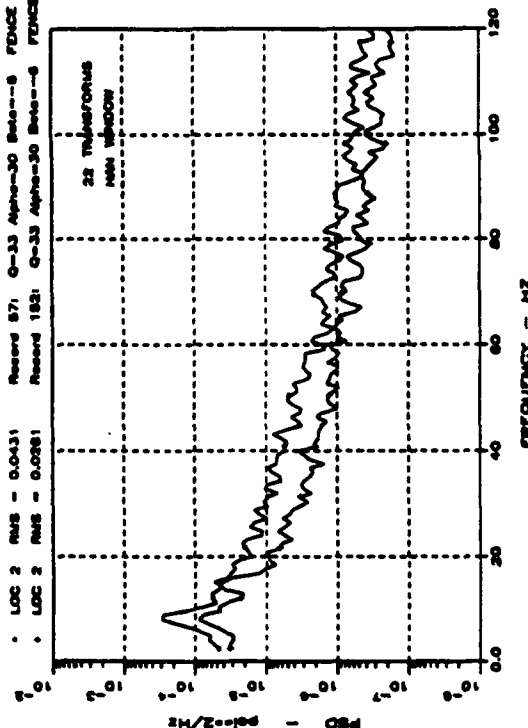
LOC 3 RMS = 0.0498 Record 87: Q-33 Alpha-30 Beta--8 FENCE OFF  
LOC 3 RMS = 0.0398 Record 182: Q-33 Alpha-30 Beta--8 FENCE ON



DELTA F = 0.798

F-16 Tail Buffet Test

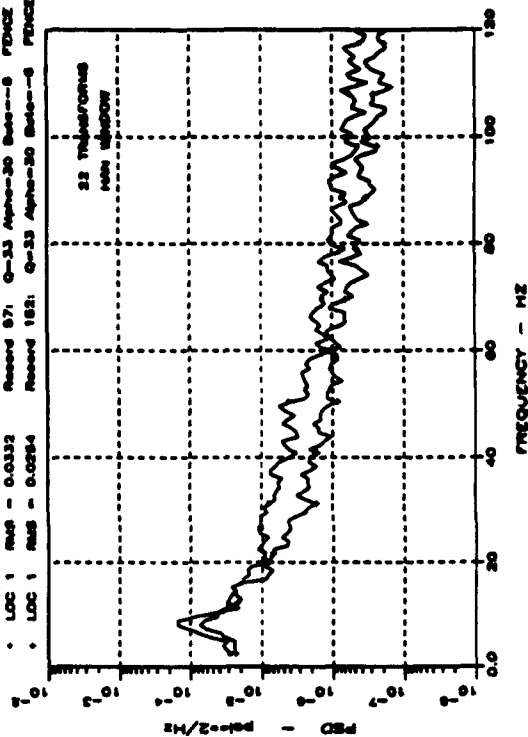
LOC 2 RMS = 0.0431 Record 87: Q-33 Alpha-30 Beta--8 FENCE OFF  
LOC 2 RMS = 0.0281 Record 182: Q-33 Alpha-30 Beta--8 FENCE ON



DELTA F = 0.798

F-16 Tail Buffet Test

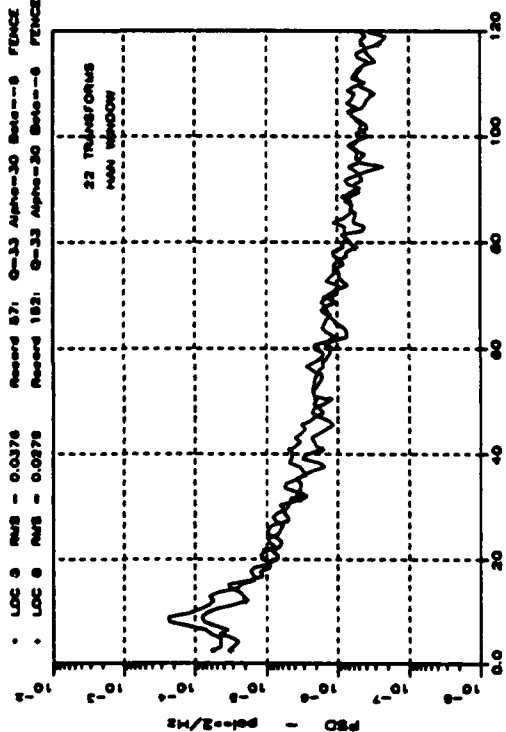
LOC 1 RMS = 0.0332 Record 87: Q-33 Alpha-30 Beta--8 FENCE OFF  
LOC 1 RMS = 0.0284 Record 182: Q-33 Alpha-30 Beta--8 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 8 RMS = 0.0376 Record 57: Q-33 Alpha-30 Beta--8 FENCE OFF  
 • LOC 8 RMS = 0.0376 Record 152: Q-33 Alpha-30 Beta--8 FENCE ON

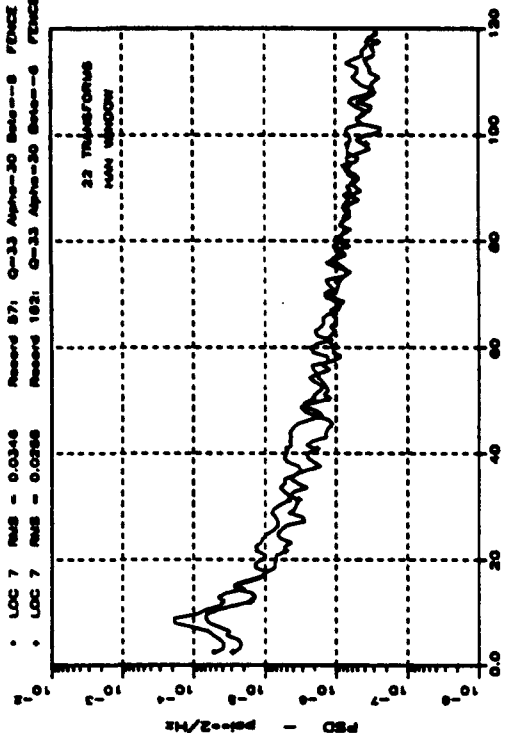


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 7 RMS = 0.0346 Record 57: Q-33 Alpha-30 Beta--8 FENCE OFF  
 • LOC 7 RMS = 0.0286 Record 152: Q-33 Alpha-30 Beta--8 FENCE ON

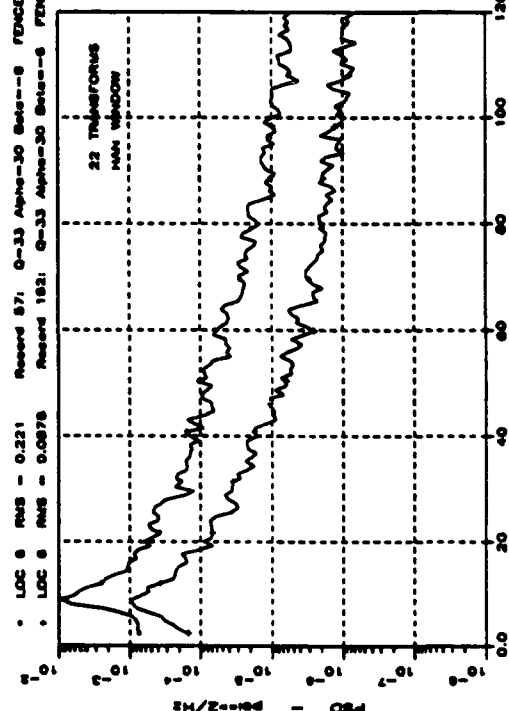


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 6 RMS = 0.0221 Record 57: Q-33 Alpha-30 Beta--8 FENCE OFF  
 • LOC 6 RMS = 0.0376 Record 152: Q-33 Alpha-30 Beta--8 FENCE ON

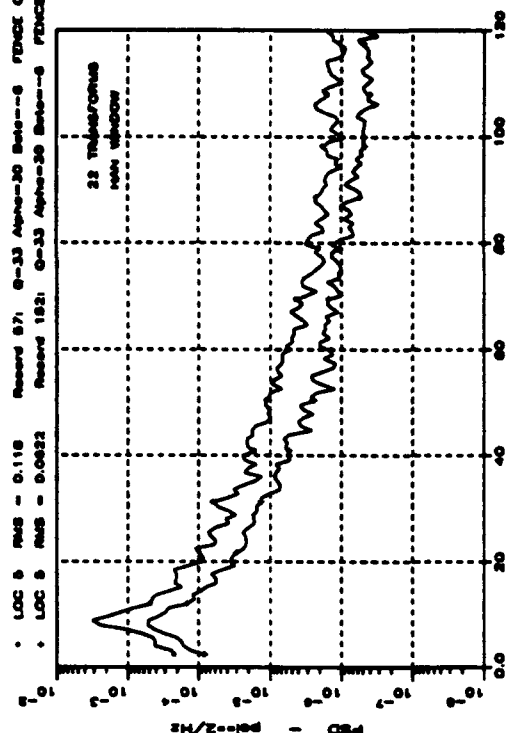


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 5 RMS = 0.118 Record 57: Q-33 Alpha-30 Beta--8 FENCE OFF  
 • LOC 5 RMS = 0.0322 Record 152: Q-33 Alpha-30 Beta--8 FENCE ON



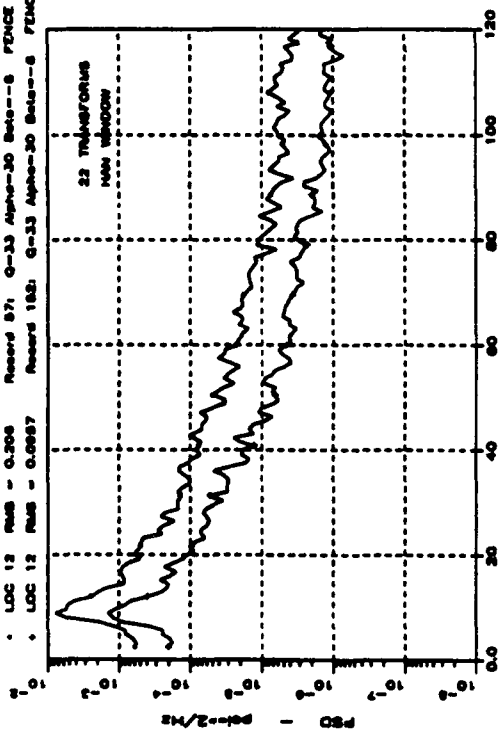
FREQUENCY - HZ

DELTA F = 0.798



# F-16 Tail Buffet Test

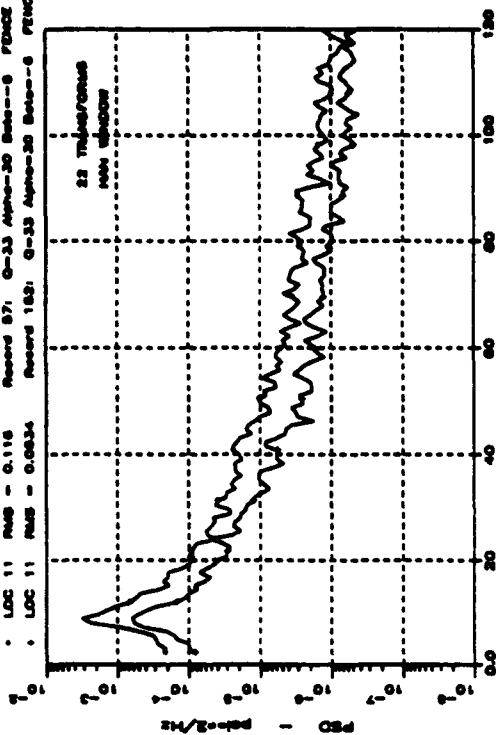
• LOC 12 RMS = 0.006 Record 57: Q-33 Alpha-30 Beta--6 FENCE OFF  
 • LOC 12 RMS = 0.0057 Record 153: Q-33 Alpha-30 Beta--6 FENCE ON



FREQUENCY - HZ  
 DELTA F = 0.700

# F-16 Tail Buffet Test

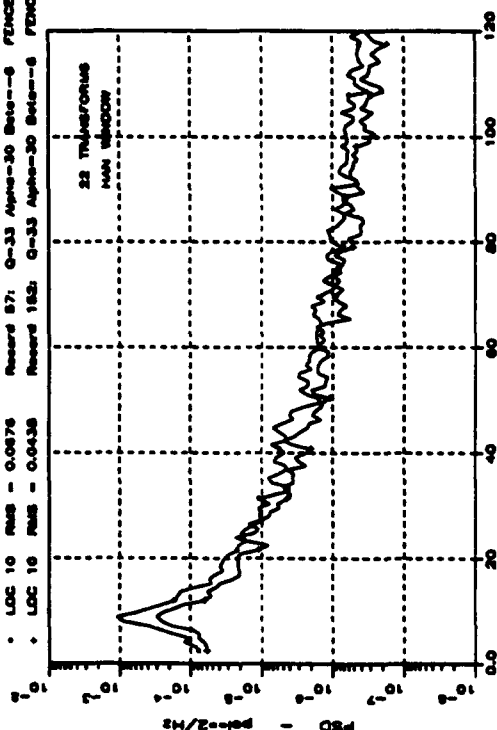
• LOC 11 RMS = 0.116 Record 57: Q-33 Alpha-30 Beta--6 FENCE OFF  
 • LOC 11 RMS = 0.0934 Record 153: Q-33 Alpha-30 Beta--6 FENCE ON



FREQUENCY - HZ  
 DELTA F = 0.700

# F-16 Tail Buffet Test

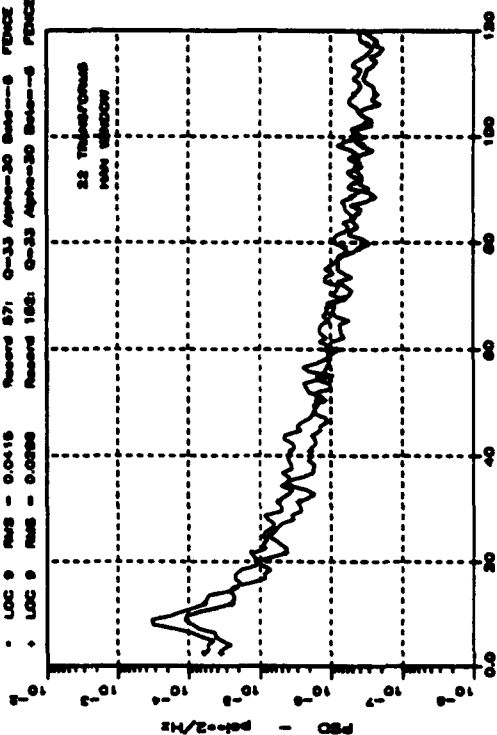
• LOC 10 RMS = 0.0076 Record 57: Q-33 Alpha-30 Beta--6 FENCE OFF  
 • LOC 10 RMS = 0.0438 Record 153: Q-33 Alpha-30 Beta--6 FENCE ON



FREQUENCY - HZ  
 DELTA F = 0.700

# F-16 Tail Buffet Test

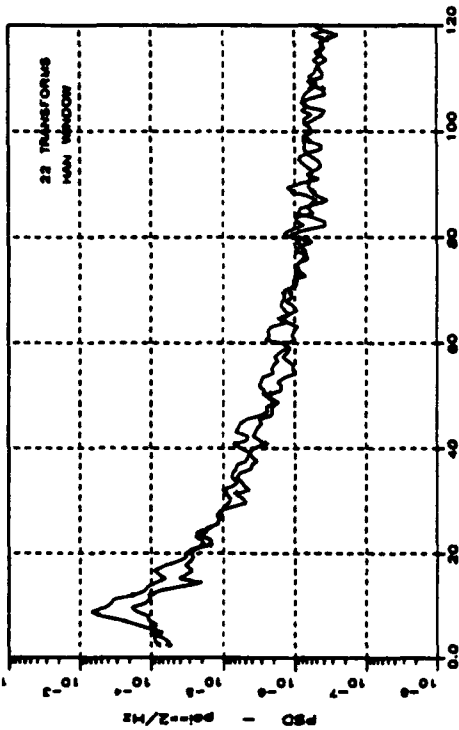
• LOC 9 RMS = 0.0416 Record 57: Q-33 Alpha-30 Beta--6 FENCE OFF  
 • LOC 9 RMS = 0.0096 Record 153: Q-33 Alpha-30 Beta--6 FENCE ON



FREQUENCY - HZ  
 DELTA F = 0.700

# F-16 Tail Buffet Test

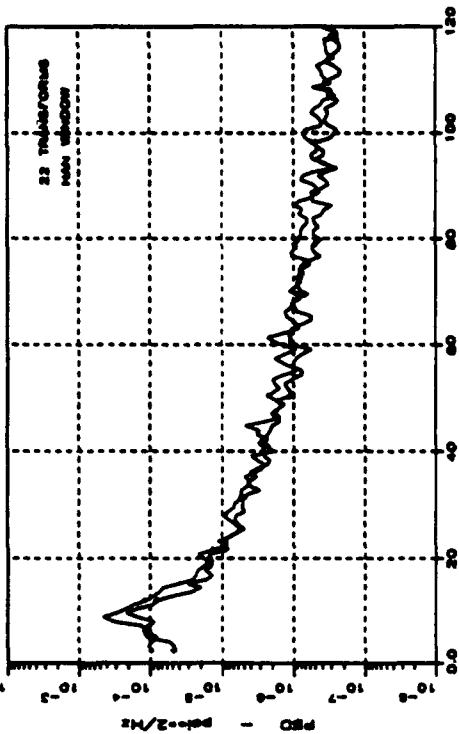
LOC 16 RMS = 0.0400    Record 87: Q-33 Alpha-30 Beta=-6    FENCE OFF  
 LOC 16 RMS = 0.0407    Record 182: Q-33 Alpha-30 Beta=-6    FENCE ON



DELTA F = 0.7500

# F-16 Tail Buffet Test

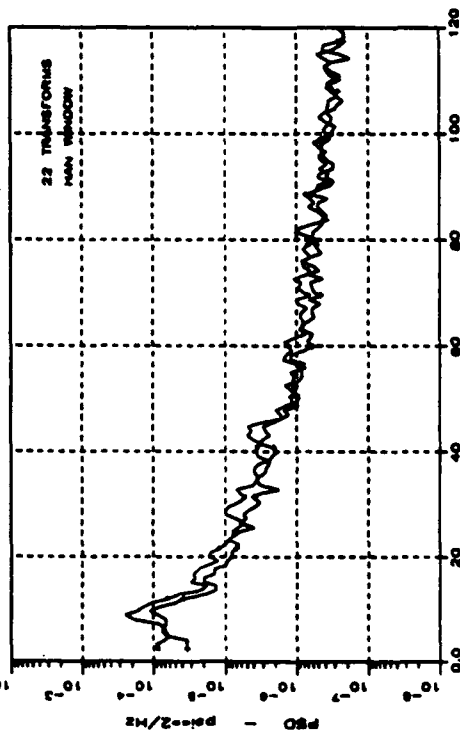
LOC 16 RMS = 0.0406    Record 87: Q-33 Alpha-30 Beta=-6    FENCE OFF  
 LOC 16 RMS = 0.0382    Record 182: Q-33 Alpha-30 Beta=-6    FENCE ON



DELTA F = 0.7500

# F-16 Tail Buffet Test

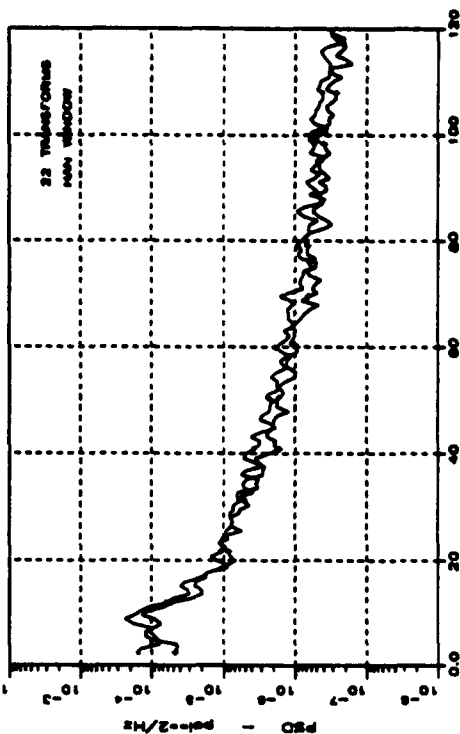
LOC 14 RMS = 0.0393    Record 87: Q-33 Alpha-30 Beta=-6    FENCE OFF  
 LOC 14 RMS = 0.0302    Record 182: Q-33 Alpha-30 Beta=-6    FENCE ON



DELTA F = 0.7500

# F-16 Tail Buffet Test

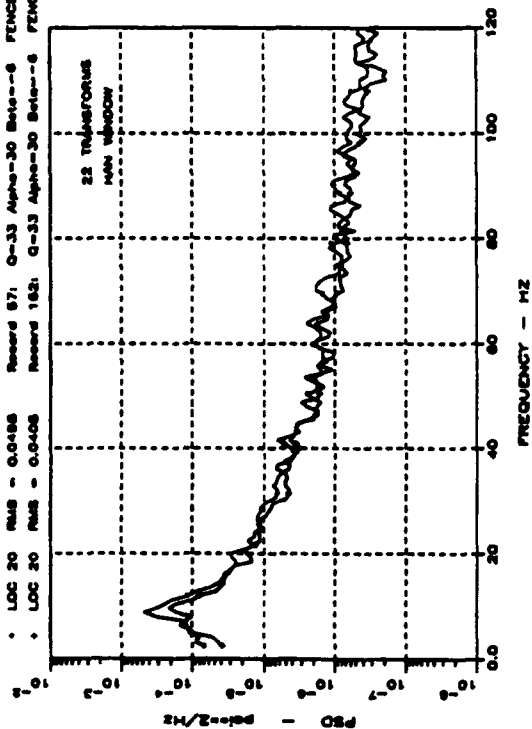
LOC 13 RMS = 0.0419    Record 87: Q-33 Alpha-30 Beta=-6    FENCE OFF  
 LOC 13 RMS = 0.0347    Record 182: Q-33 Alpha-30 Beta=-6    FENCE ON



DELTA F = 0.7500

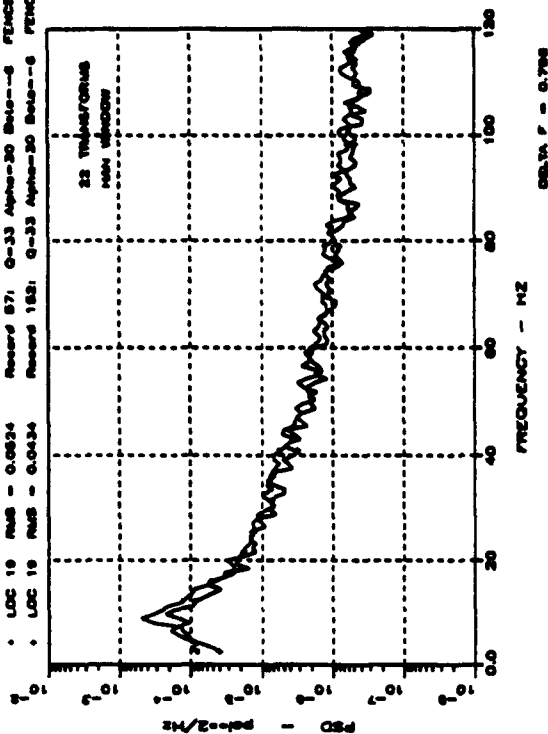
# F-16 Tail Buffet Test

• LOC 20 RMS = 0.0406 Record 57: Q-33 Alpha-30 Beta--6 FENCE OFF  
 • LOC 20 RMS = 0.0406 Record 152: Q-33 Alpha-30 Beta--6 FENCE ON



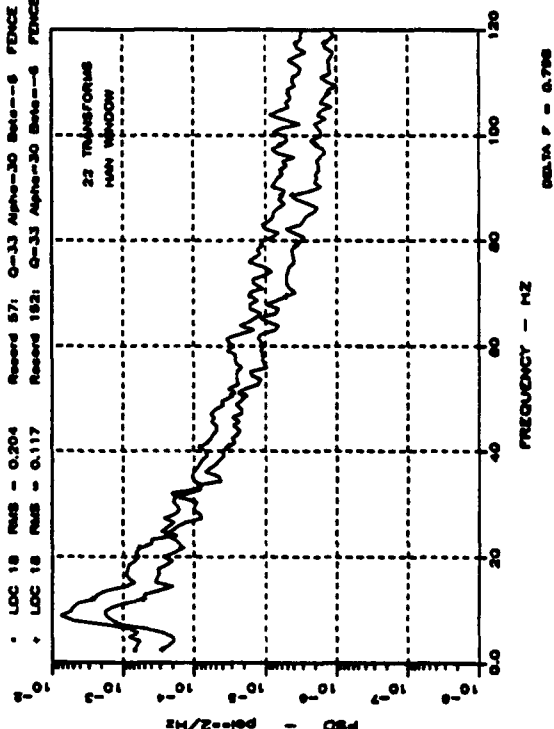
# F-16 Tail Buffet Test

• LOC 19 RMS = 0.0534 Record 57: Q-33 Alpha-30 Beta--6 FENCE OFF  
 • LOC 19 RMS = 0.0534 Record 152: Q-33 Alpha-30 Beta--6 FENCE ON



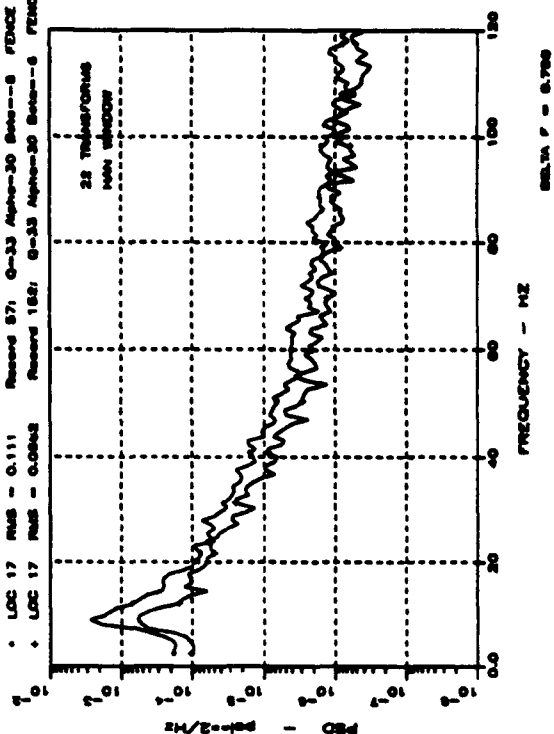
# F-16 Tail Buffet Test

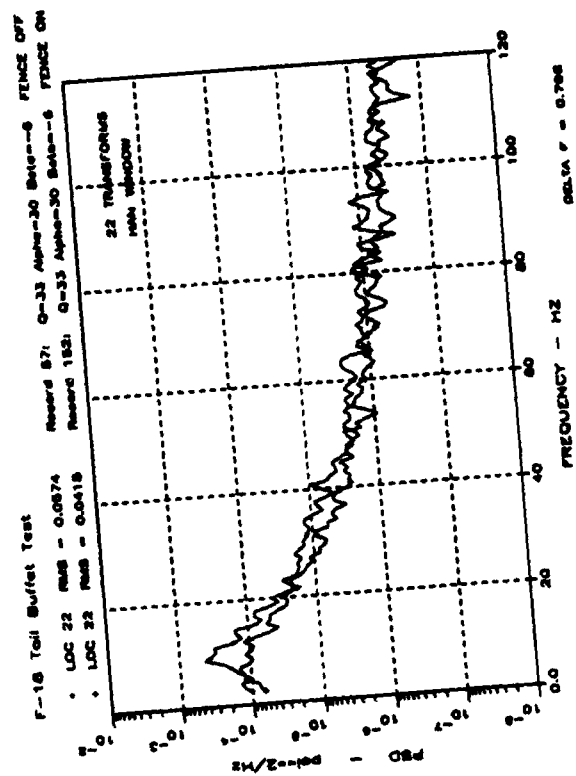
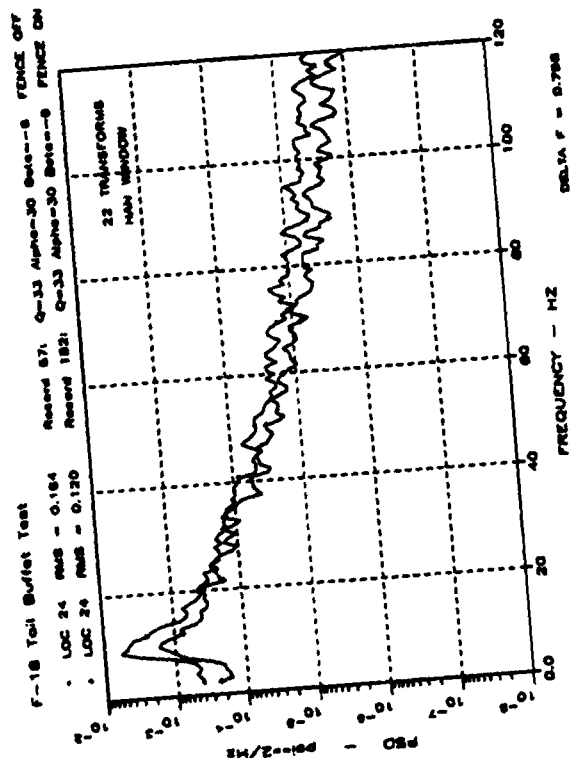
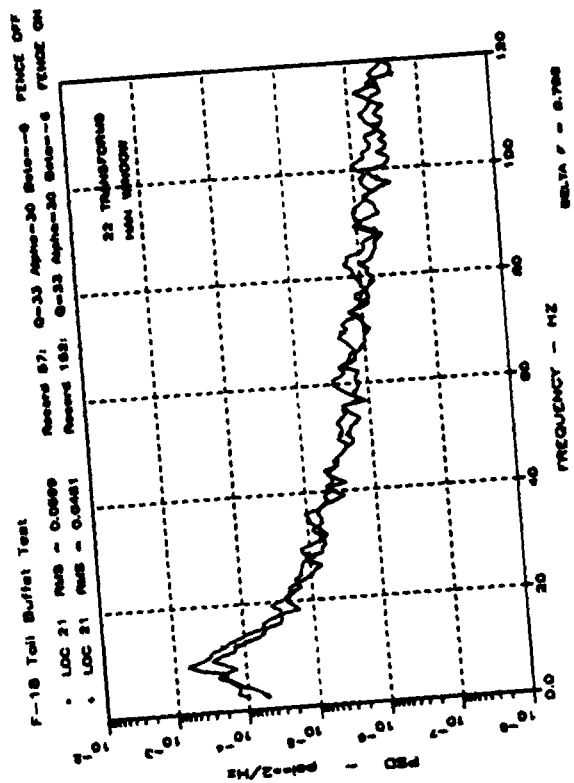
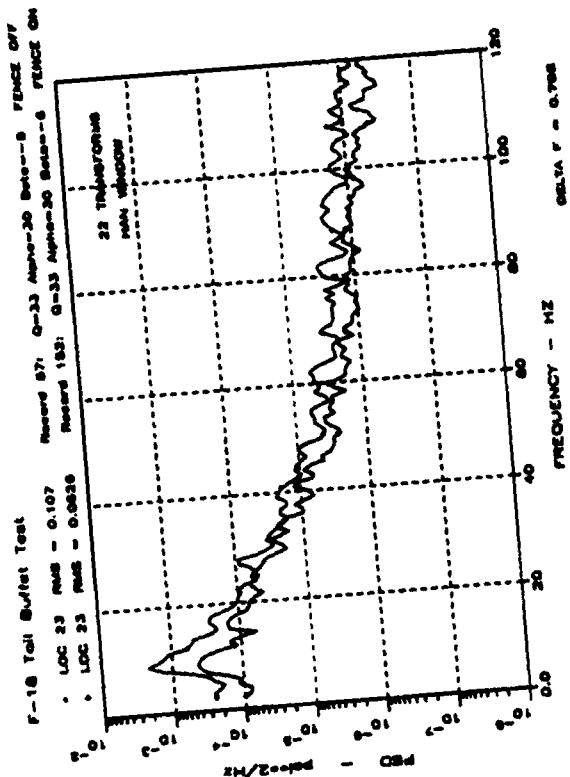
• LOC 18 RMS = 0.204 Record 57: Q-33 Alpha-30 Beta--6 FENCE OFF  
 • LOC 18 RMS = 0.117 Record 152: Q-33 Alpha-30 Beta--6 FENCE ON



# F-16 Tail Buffet Test

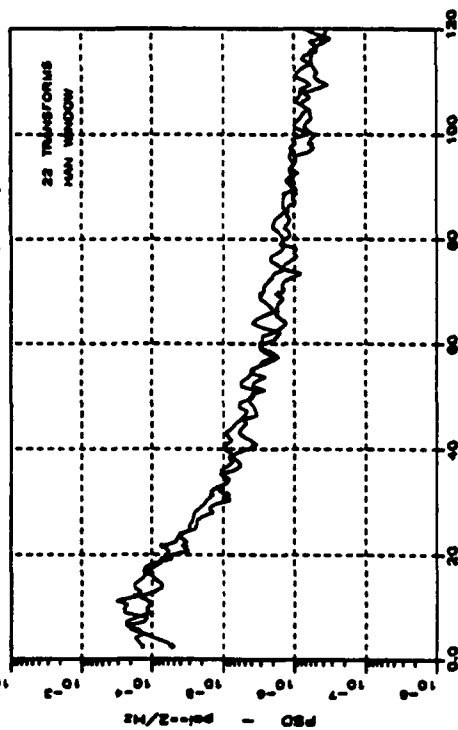
• LOC 17 RMS = 0.111 Record 57: Q-33 Alpha-30 Beta--6 FENCE OFF  
 • LOC 17 RMS = 0.0543 Record 152: Q-33 Alpha-30 Beta--6 FENCE ON





# F-18 Tail Buffet Test

• LOC 26 RMS = 0.0869 Record 57: Q-33 Alpha-30 Beta--6 FENCE OFF  
 • LOC 26 RMS = 0.0803 Record 152: Q-33 Alpha-30 Beta--6 FENCE ON

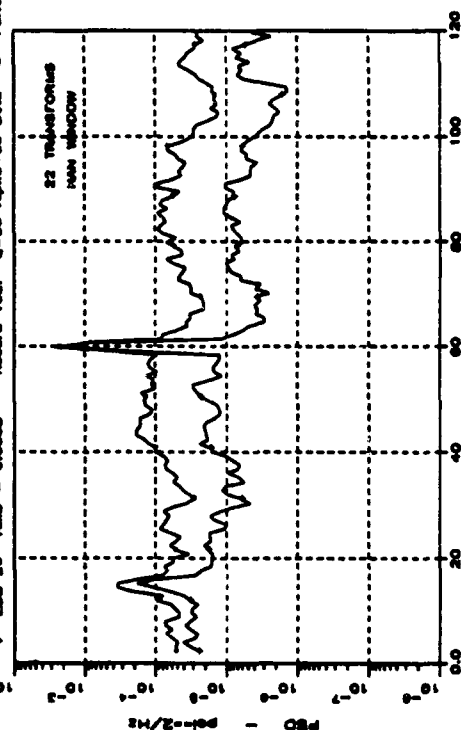


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

• LOC 28 RMS = 0.106 Record 57: Q-33 Alpha-30 Beta--6 FENCE OFF  
 • LOC 28 RMS = 0.0868 Record 152: Q-33 Alpha-30 Beta--6 FENCE ON

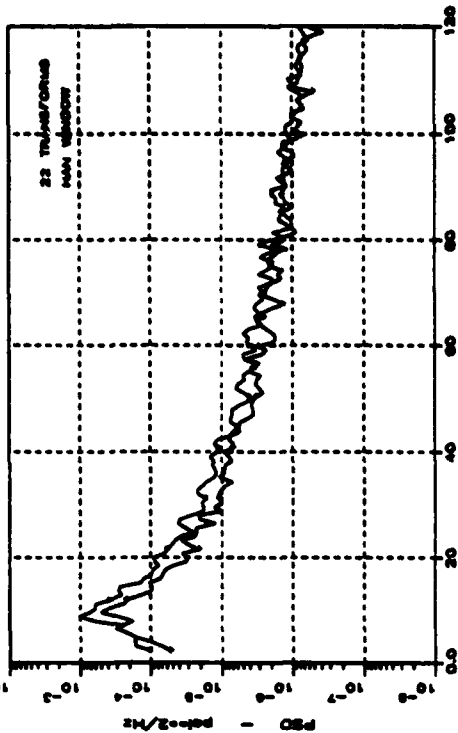


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

• LOC 27 RMS = 0.0768 Record 57: Q-33 Alpha-30 Beta--6 FENCE OFF  
 • LOC 27 RMS = 0.0890 Record 152: Q-33 Alpha-30 Beta--6 FENCE ON

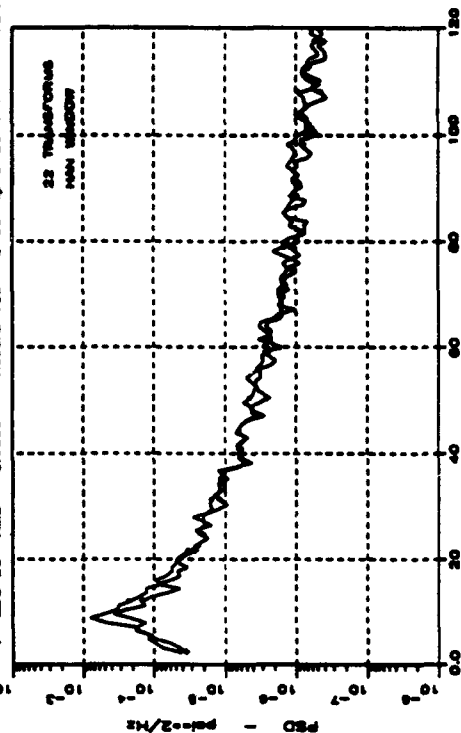


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

• LOC 26 RMS = 0.0828 Record 57: Q-33 Alpha-30 Beta--6 FENCE OFF  
 • LOC 26 RMS = 0.0800 Record 152: Q-33 Alpha-30 Beta--6 FENCE ON

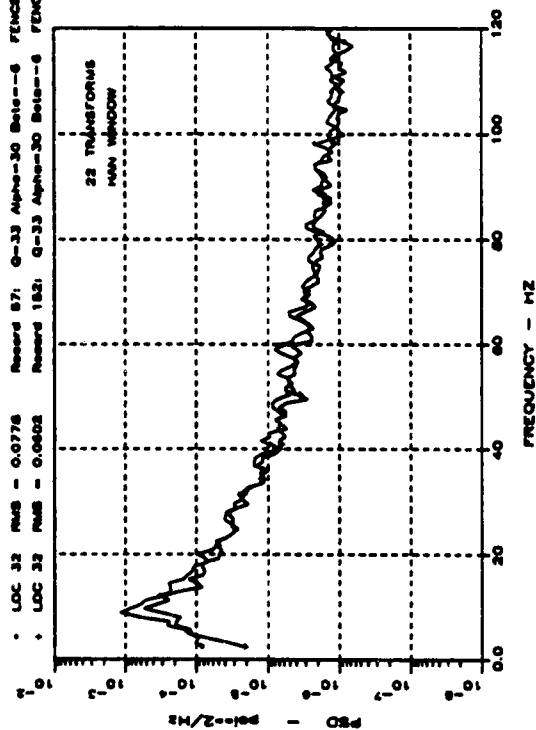


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

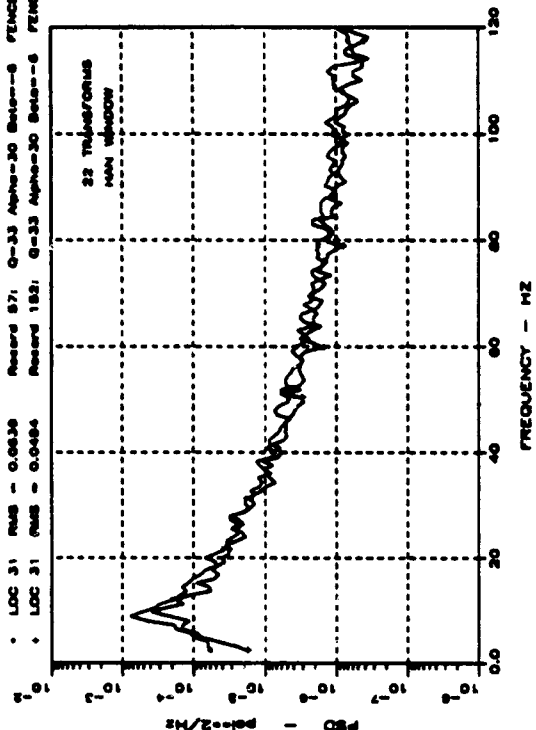
• LOC 32 RMS = 0.0776 Record 87: Q-33 Alpha-30 Beta=-6 FENCE OFF  
 • LOC 32 RMS = 0.0402 Record 182: Q-33 Alpha-30 Beta=-6 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

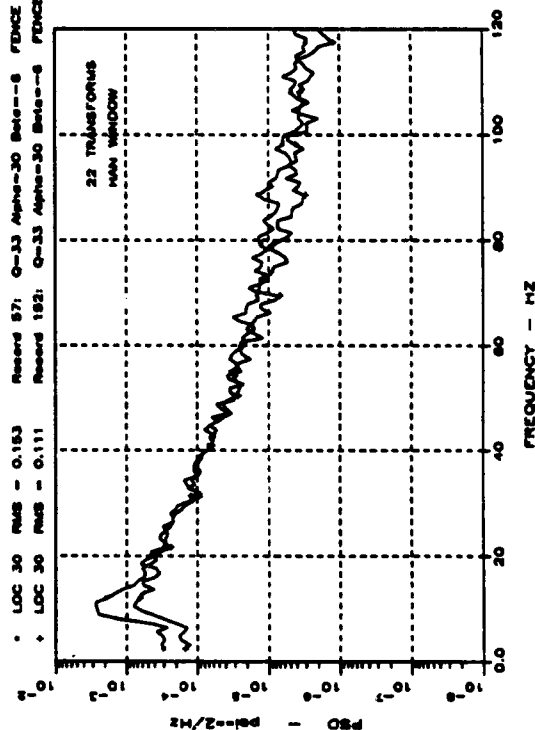
• LOC 31 RMS = 0.0836 Record 87: Q-33 Alpha-30 Beta=-6 FENCE OFF  
 • LOC 31 RMS = 0.0484 Record 182: Q-33 Alpha-30 Beta=-6 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

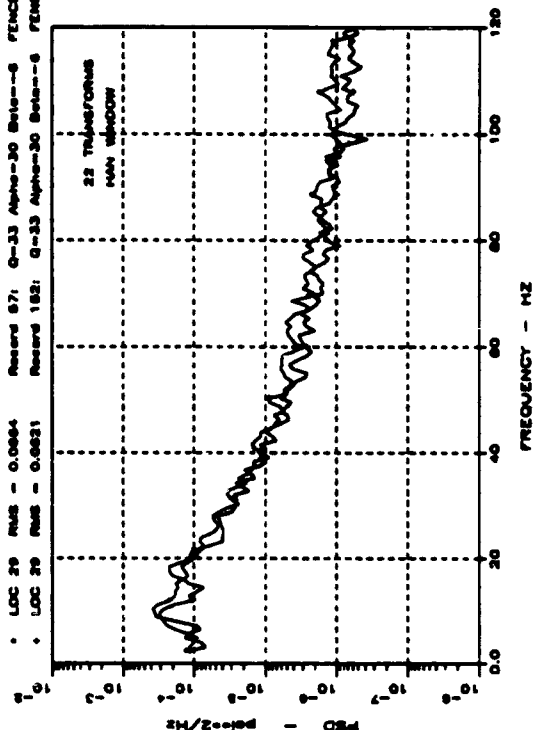
• LOC 30 RMS = 0.183 Record 87: Q-33 Alpha-30 Beta=-6 FENCE OFF  
 • LOC 30 RMS = 0.111 Record 182: Q-33 Alpha-30 Beta=-6 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

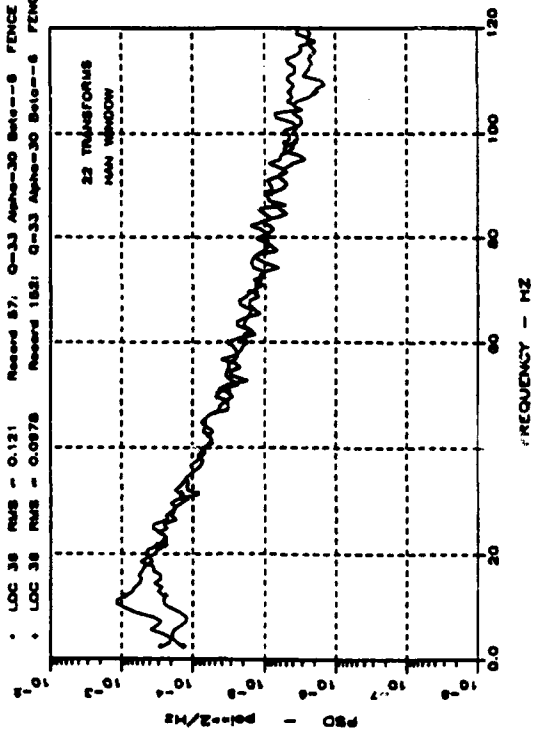
• LOC 29 RMS = 0.0884 Record 87: Q-33 Alpha-30 Beta=-6 FENCE OFF  
 • LOC 29 RMS = 0.0321 Record 182: Q-33 Alpha-30 Beta=-6 FENCE ON



DELTA F = 0.798

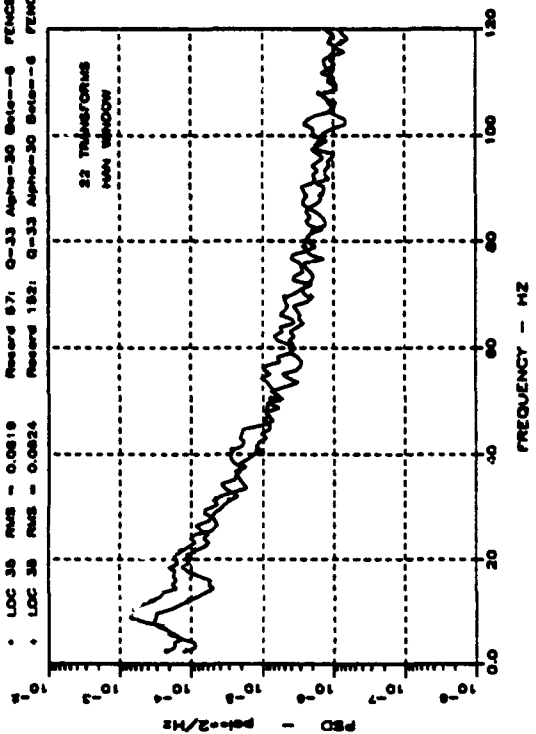
F-16 Tail Buffet Test

• LOC 36 RMS = 0.121 Record 87: Q-33 Alpha-30 Beta=-6 FENCE OFF  
• LOC 36 RMS = 0.0976 Record 182: Q-33 Alpha-30 Beta=-6 FENCE ON



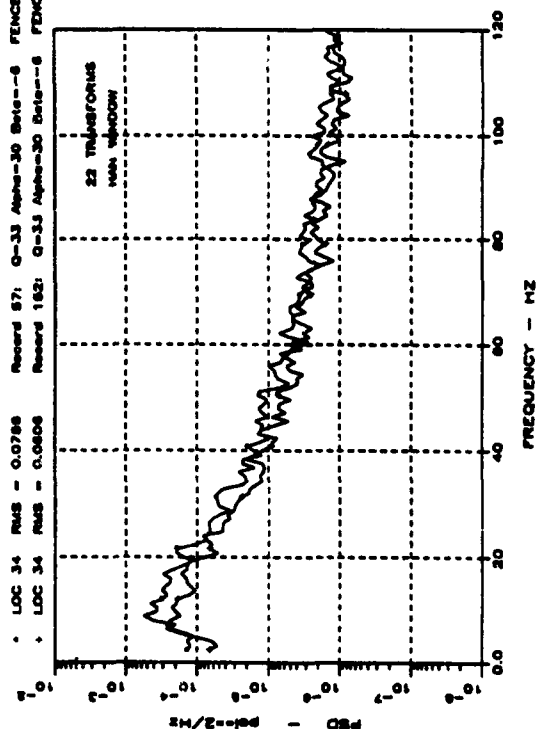
F-16 Tail Buffet Test

• LOC 36 RMS = 0.0819 Record 87: Q-33 Alpha-30 Beta=-6 FENCE OFF  
• LOC 36 RMS = 0.0824 Record 182: Q-33 Alpha-30 Beta=-6 FENCE ON



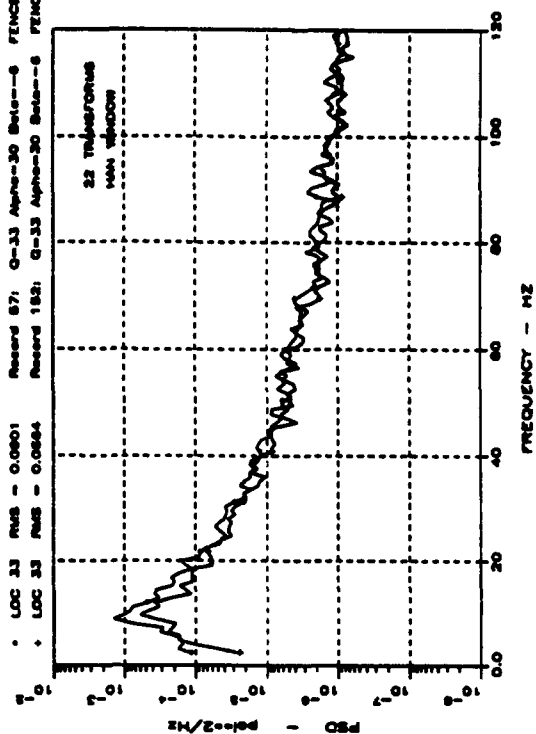
F-16 Tail Buffet Test

• LOC 34 RMS = 0.0786 Record 87: Q-33 Alpha-30 Beta=-6 FENCE OFF  
• LOC 34 RMS = 0.0806 Record 182: Q-33 Alpha-30 Beta=-6 FENCE ON



F-16 Tail Buffet Test

• LOC 33 RMS = 0.0801 Record 87: Q-33 Alpha-30 Beta=-6 FENCE OFF  
• LOC 33 RMS = 0.0864 Record 182: Q-33 Alpha-30 Beta=-6 FENCE ON

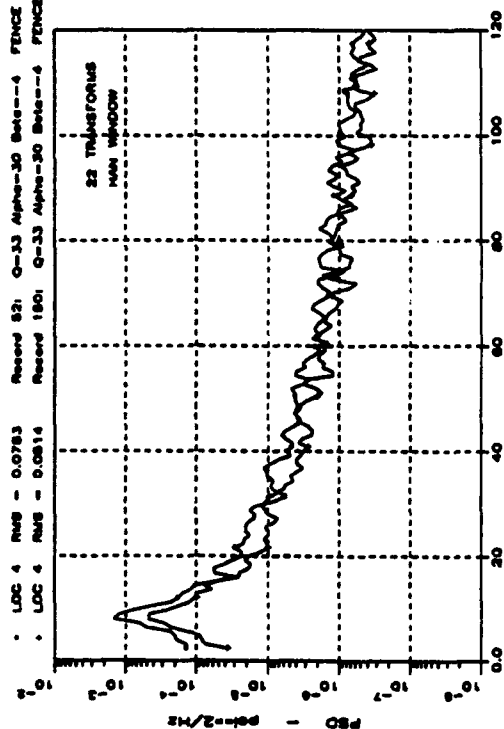






# F-16 Tail Buffet Test

LOC 4 RMS = 0.0783 Record 52: Q-33 Alpha-30 Beta=-4 FENCE OFF  
 LOC 4 RMS = 0.0814 Record 150: Q-33 Alpha-30 Beta=-4 FENCE ON

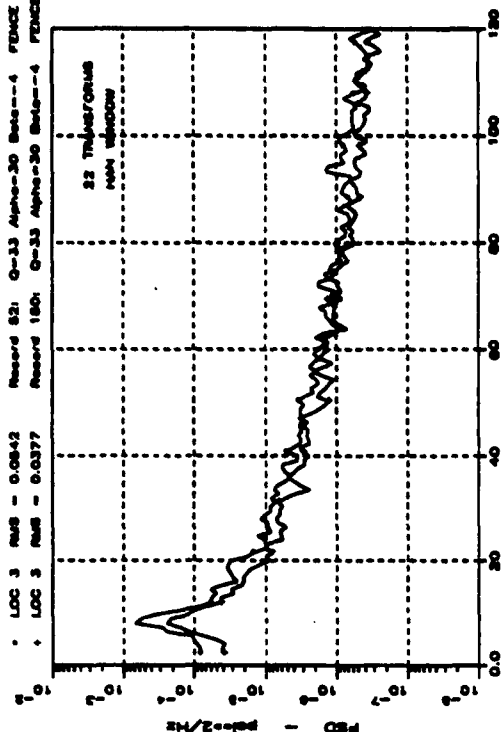


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 3 RMS = 0.0842 Record 52: Q-33 Alpha-30 Beta=-4 FENCE OFF  
 LOC 3 RMS = 0.0377 Record 150: Q-33 Alpha-30 Beta=-4 FENCE ON

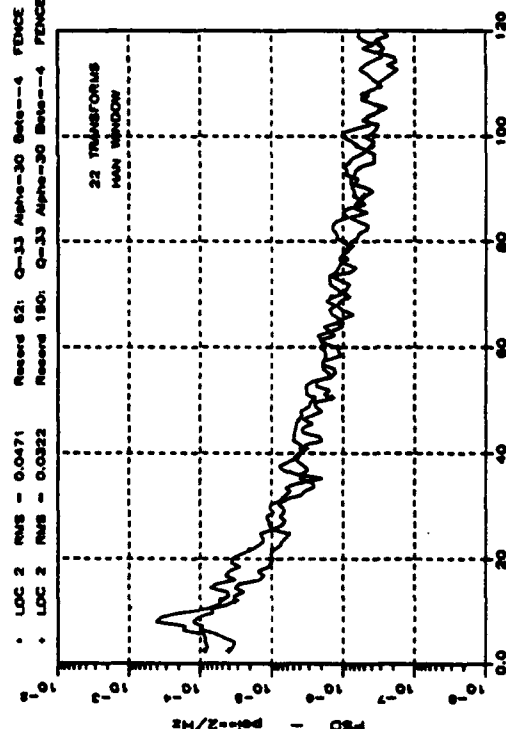


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 2 RMS = 0.0471 Record 52: Q-33 Alpha-30 Beta=-4 FENCE OFF  
 LOC 2 RMS = 0.0322 Record 150: Q-33 Alpha-30 Beta=-4 FENCE ON

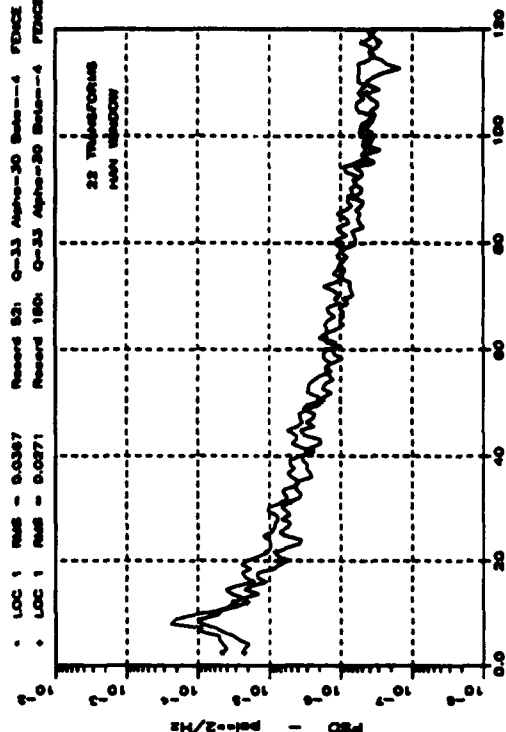


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 1 RMS = 0.0367 Record 52: Q-33 Alpha-30 Beta=-4 FENCE OFF  
 LOC 1 RMS = 0.0271 Record 150: Q-33 Alpha-30 Beta=-4 FENCE ON

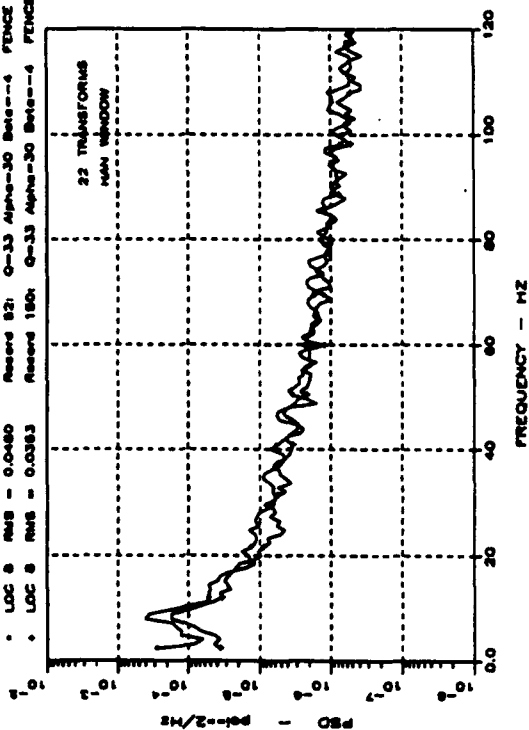


FREQUENCY - HZ

DELTA F = 0.798

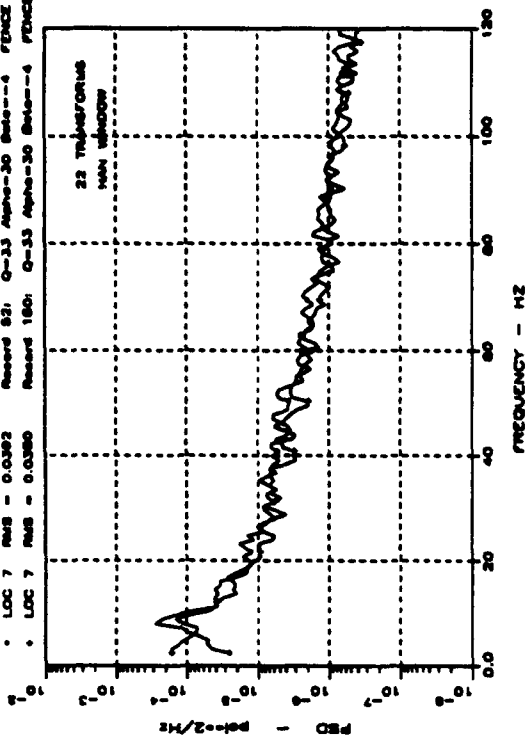
# F-18 Tail Buffet Test

• LOC 6 RMS = 0.0480 Record 82: Q-33 Alpha-30 Beta=-4 FENCE OFF  
• LOC 8 RMS = 0.0383 Record 180: Q-33 Alpha-30 Beta=-4 FENCE ON



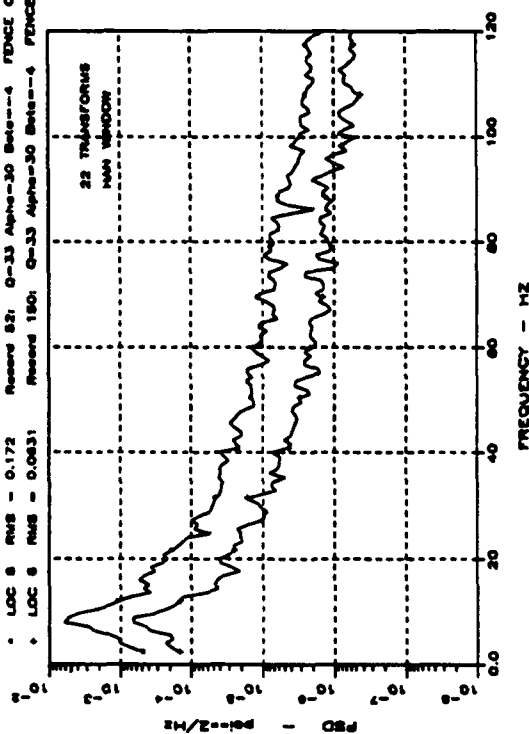
# F-18 Tail Buffet Test

• LOC 7 RMS = 0.0392 Record 82: Q-33 Alpha-30 Beta=-4 FENCE OFF  
• LOC 7 RMS = 0.0390 Record 180: Q-33 Alpha-30 Beta=-4 FENCE ON



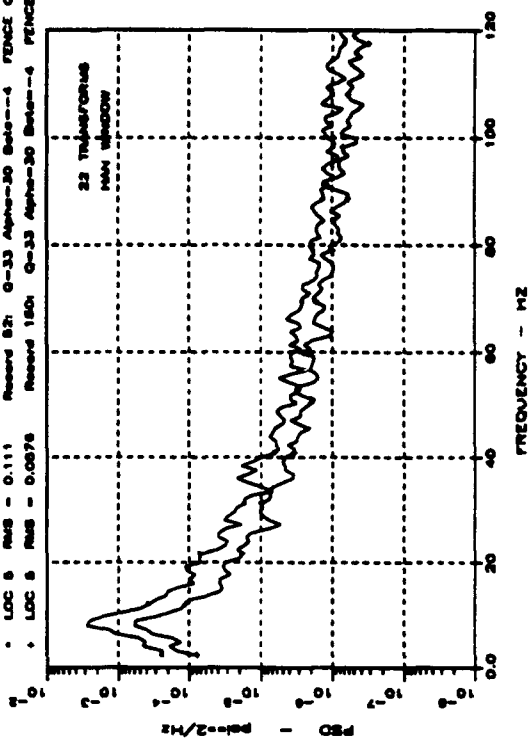
# F-18 Tail Buffet Test

• LOC 6 RMS = 0.172 Record 82: Q-33 Alpha-30 Beta=-4 FENCE OFF  
• LOC 8 RMS = 0.0631 Record 180: Q-33 Alpha-30 Beta=-4 FENCE ON



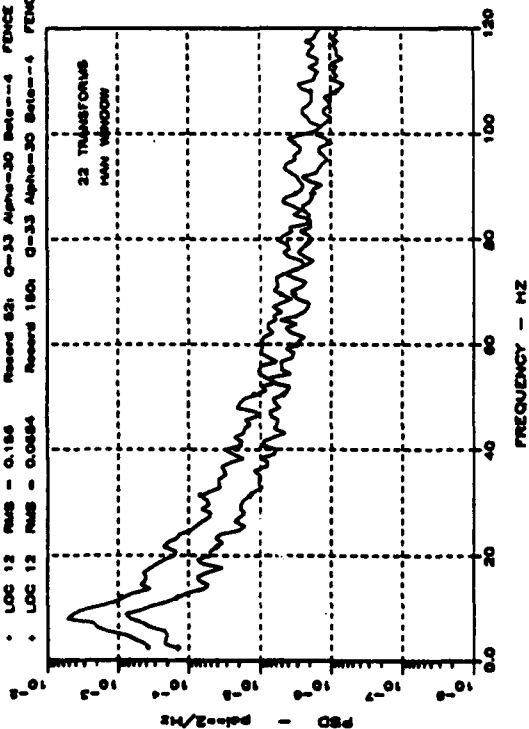
# F-18 Tail Buffet Test

• LOC 6 RMS = 0.111 Record 82: Q-33 Alpha-30 Beta=-4 FENCE OFF  
• LOC 6 RMS = 0.0976 Record 180: Q-33 Alpha-30 Beta=-4 FENCE ON



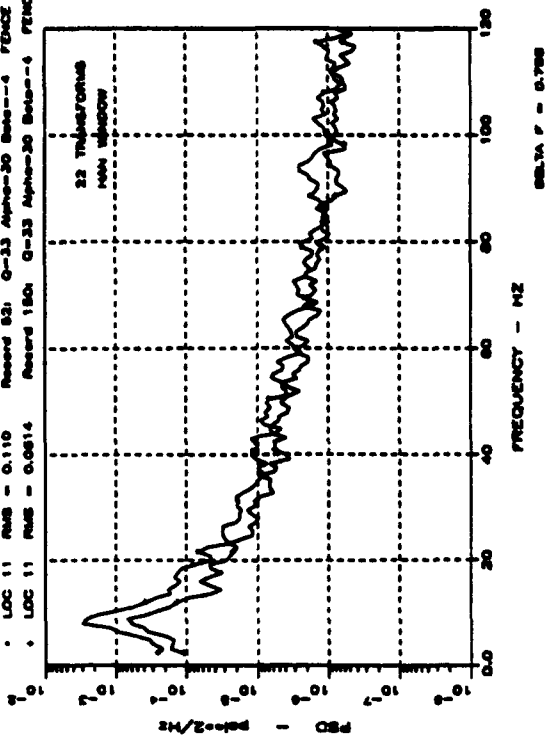
# F-16 Tail Buffet Test

• LOC 12 RMS = 0.186 Record S2: Q-33 Alpha-30 Beta=-4 FENCE OFF  
 • LOC 12 RMS = 0.0884 Record 180: Q-33 Alpha-30 Beta=-4 FENCE ON



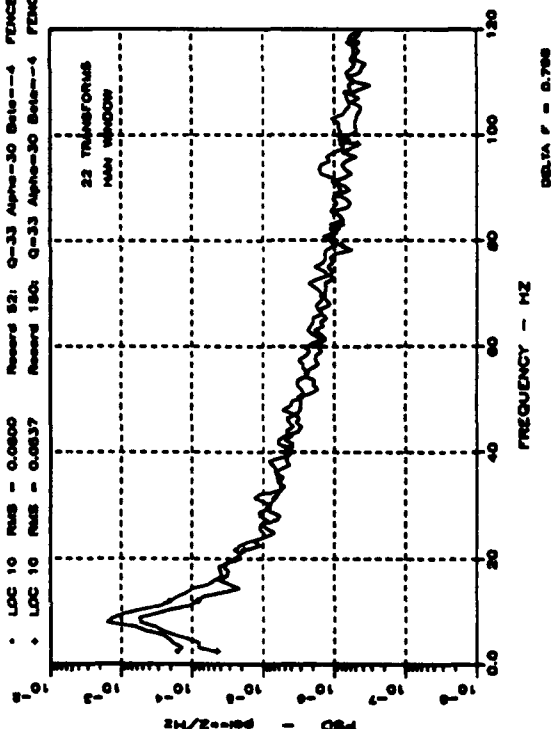
# F-16 Tail Buffet Test

• LOC 11 RMS = 0.110 Record S2: Q-33 Alpha-30 Beta=-4 FENCE OFF  
 • LOC 11 RMS = 0.0814 Record 180: Q-33 Alpha-30 Beta=-4 FENCE ON



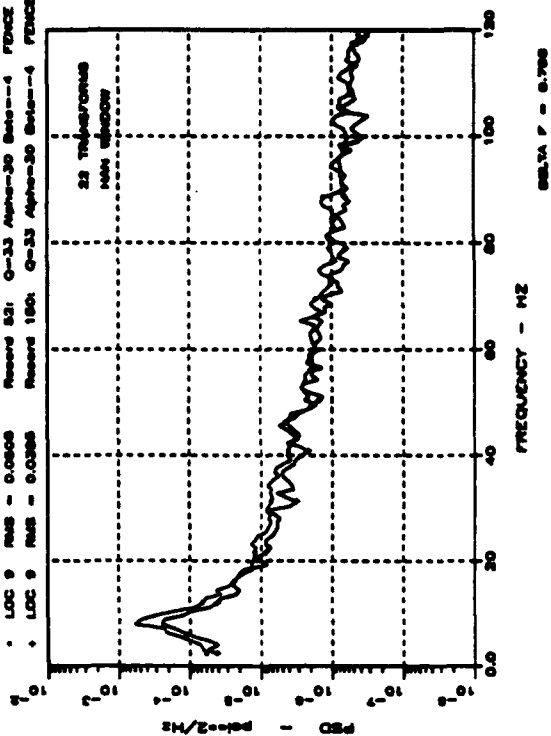
# F-16 Tail Buffet Test

• LOC 10 RMS = 0.0800 Record S2: Q-33 Alpha-30 Beta=-4 FENCE OFF  
 • LOC 10 RMS = 0.0837 Record 180: Q-33 Alpha-30 Beta=-4 FENCE ON



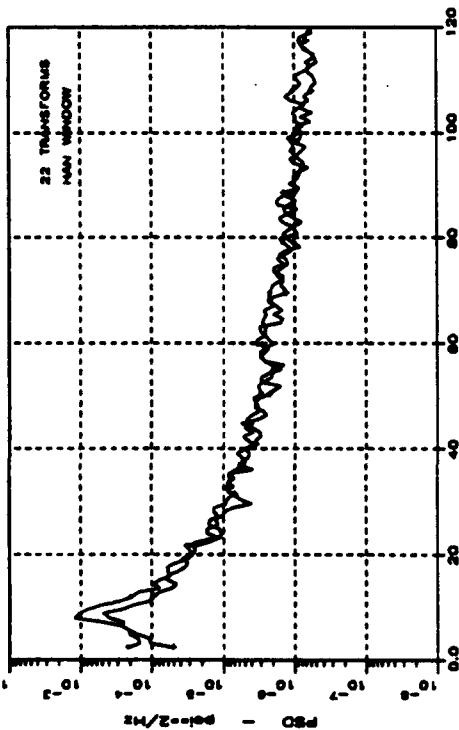
# F-16 Tail Buffet Test

• LOC 9 RMS = 0.0808 Record S2: Q-33 Alpha-30 Beta=-4 FENCE OFF  
 • LOC 9 RMS = 0.0386 Record 180: Q-33 Alpha-30 Beta=-4 FENCE ON



# F-16 Tail Buffet Test

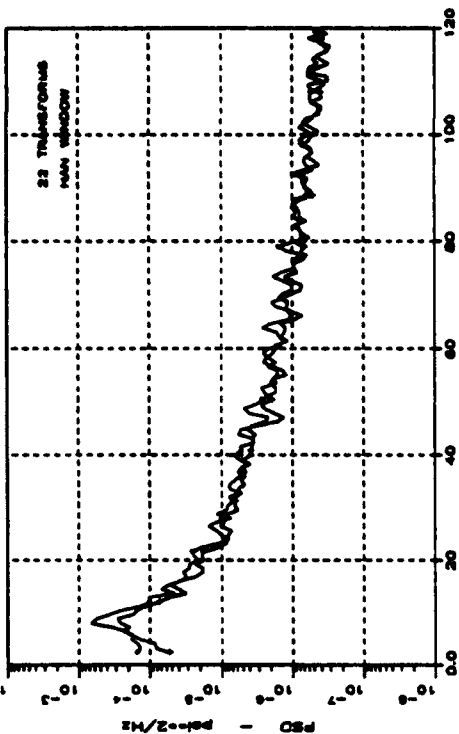
LOC 18 RMS = 0.0736 Record 52: Q-33 Alpha-30 Beta=-4 FENCE OFF  
LOC 18 RMS = 0.0634 Record 150: Q-33 Alpha-30 Beta=-4 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

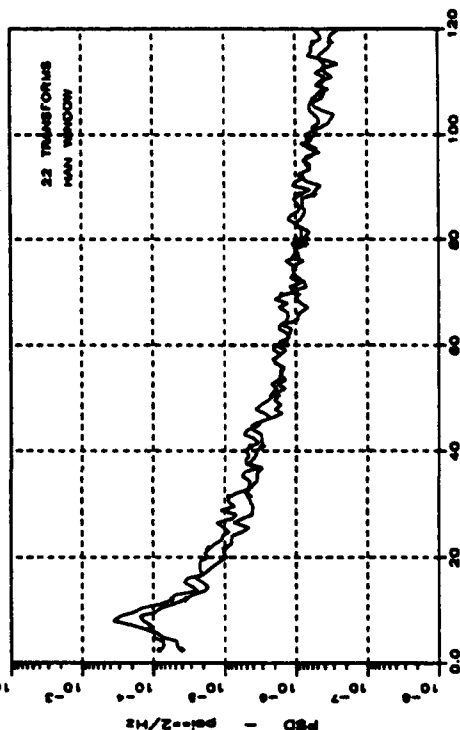
LOC 18 RMS = 0.0585 Record 52: Q-33 Alpha-30 Beta=-4 FENCE OFF  
LOC 18 RMS = 0.0460 Record 150: Q-33 Alpha-30 Beta=-4 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

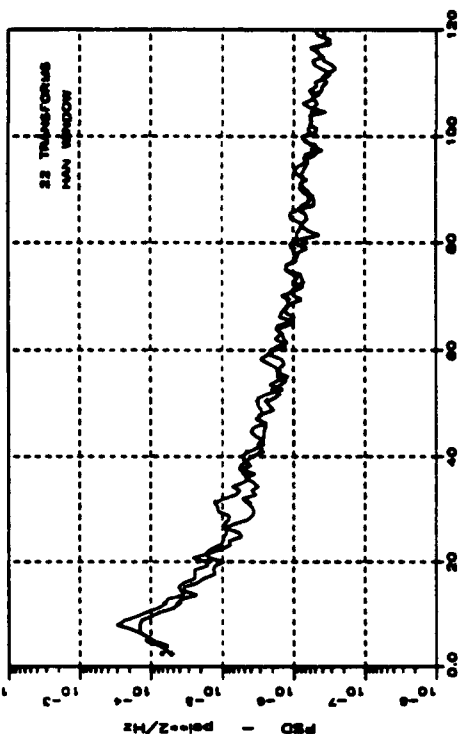
LOC 14 RMS = 0.0446 Record 52: Q-33 Alpha-30 Beta=-4 FENCE OFF  
LOC 14 RMS = 0.0347 Record 150: Q-33 Alpha-30 Beta=-4 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

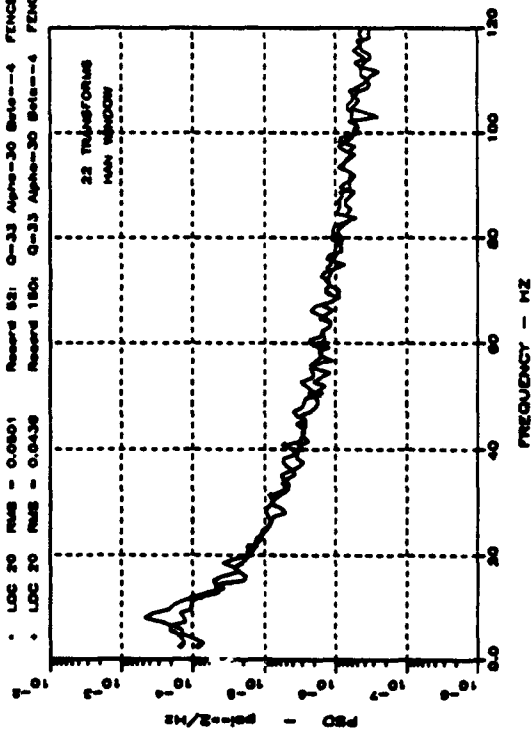
LOC 13 RMS = 0.0437 Record 52: Q-33 Alpha-30 Beta=-4 FENCE OFF  
LOC 13 RMS = 0.0366 Record 150: Q-33 Alpha-30 Beta=-4 FENCE ON



DELTA F = 0.798

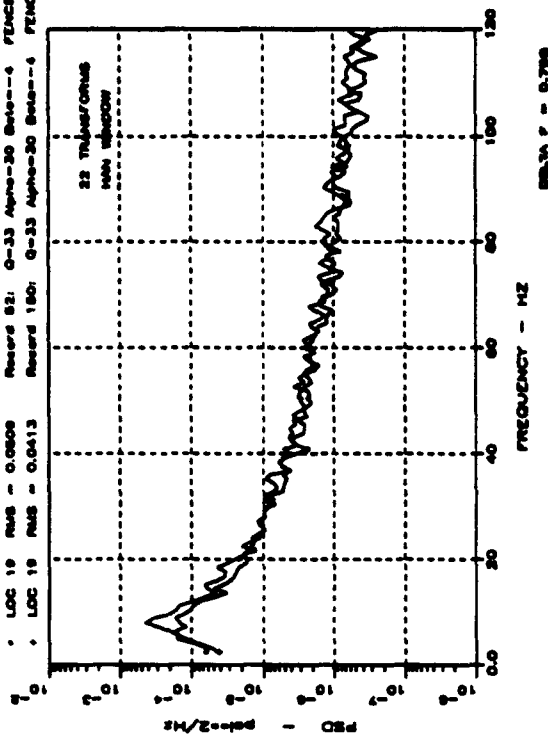
# F-16 Tail Buffet Test

• LOC 20 RMS = 0.0801 Record 52: Q-33 Alpha-30 Beta=-4 FENCE OFF  
 • LOC 20 RMS = 0.0439 Record 150: Q-33 Alpha-30 Beta=-4 FENCE ON



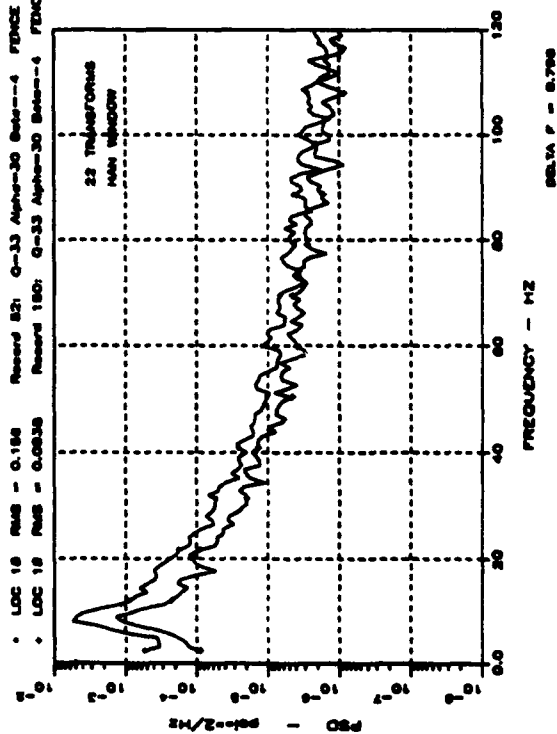
# F-16 Tail Buffet Test

• LOC 19 RMS = 0.0809 Record 52: Q-33 Alpha-30 Beta=-4 FENCE OFF  
 • LOC 19 RMS = 0.0413 Record 150: Q-33 Alpha-30 Beta=-4 FENCE ON



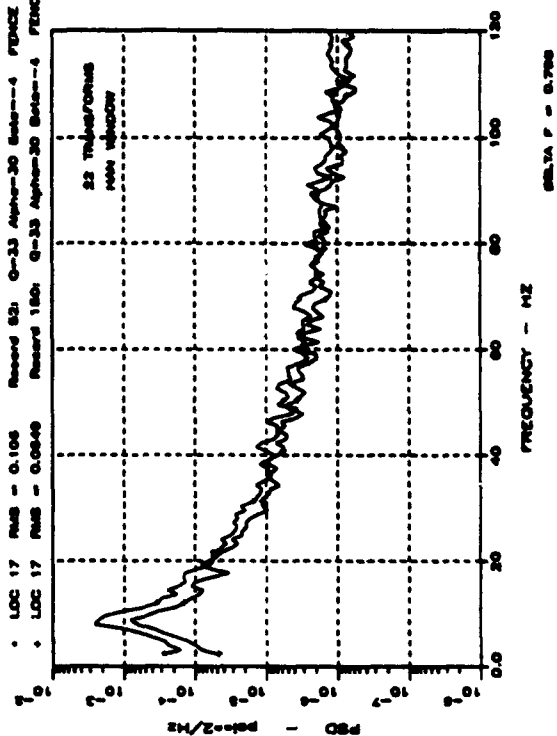
# F-16 Tail Buffet Test

• LOC 16 RMS = 0.166 Record 52: Q-33 Alpha-30 Beta=-4 FENCE OFF  
 • LOC 16 RMS = 0.0839 Record 150: Q-33 Alpha-30 Beta=-4 FENCE ON



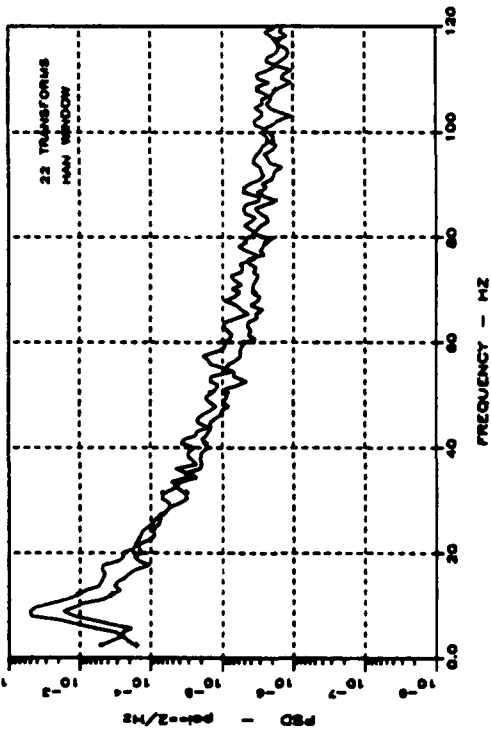
# F-16 Tail Buffet Test

• LOC 17 RMS = 0.106 Record 52: Q-33 Alpha-30 Beta=-4 FENCE OFF  
 • LOC 17 RMS = 0.0646 Record 150: Q-33 Alpha-30 Beta=-4 FENCE ON



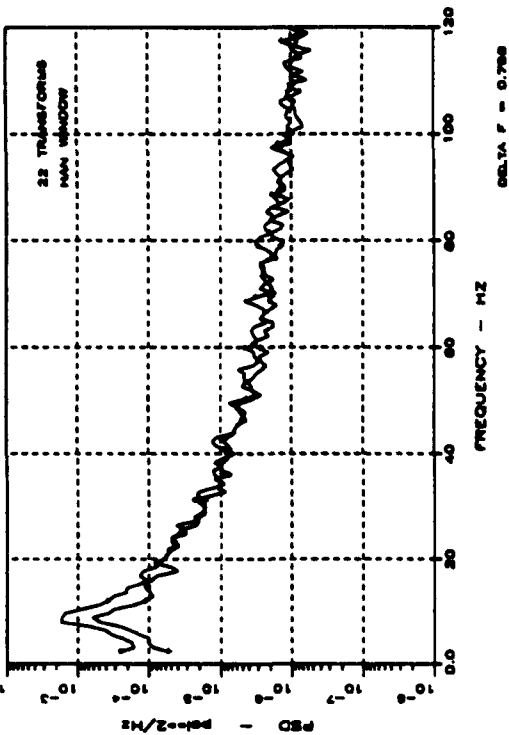
# F-18 Tail Buffet Test

• LOC 24 RMS = 0.156 Record 82: Q=33 Alpha=30 Beta=-4 FENCE OFF  
 • LOC 24 RMS = 0.0971 Record 180: Q=33 Alpha=30 Beta=-4 FENCE ON



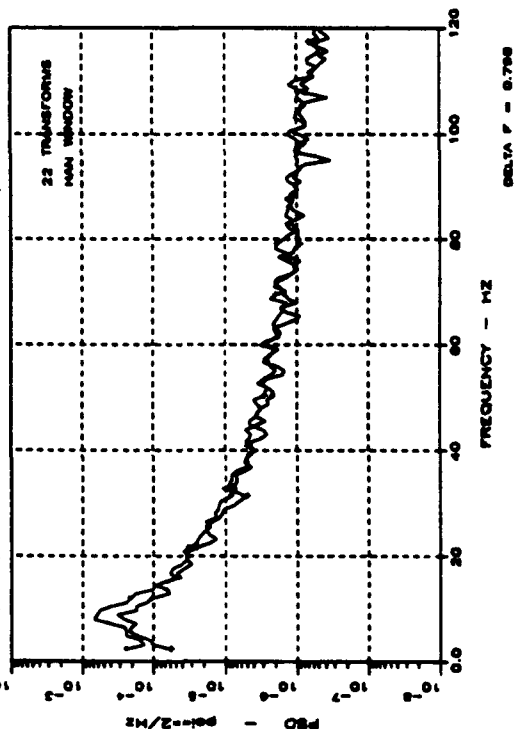
# F-18 Tail Buffet Test

• LOC 23 RMS = 0.0846 Record 82: Q=33 Alpha=30 Beta=-4 FENCE OFF  
 • LOC 23 RMS = 0.0810 Record 180: Q=33 Alpha=30 Beta=-4 FENCE ON



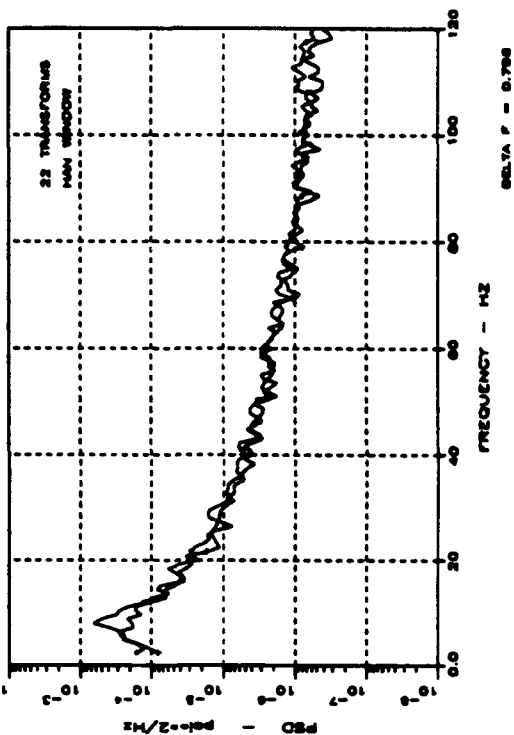
# F-18 Tail Buffet Test

• LOC 22 RMS = 0.0871 Record 82: Q=33 Alpha=30 Beta=-4 FENCE OFF  
 • LOC 22 RMS = 0.0803 Record 180: Q=33 Alpha=30 Beta=-4 FENCE ON



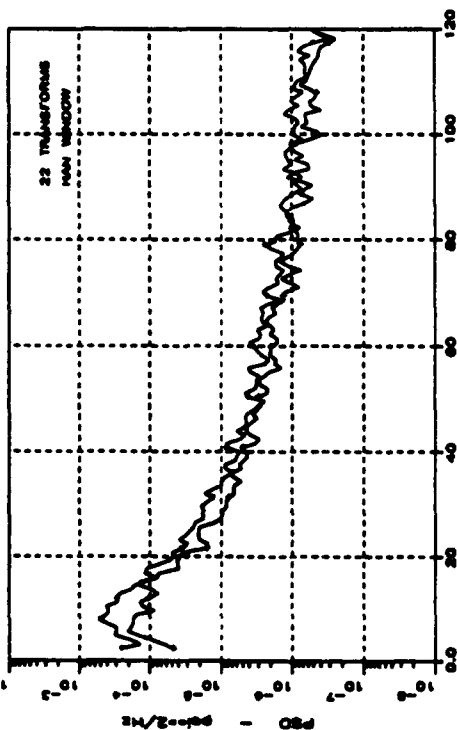
# F-18 Tail Buffet Test

• LOC 21 RMS = 0.0814 Record 82: Q=33 Alpha=30 Beta=-4 FENCE OFF  
 • LOC 21 RMS = 0.0802 Record 180: Q=33 Alpha=30 Beta=-4 FENCE ON



# F-18 Tail Buffet Test

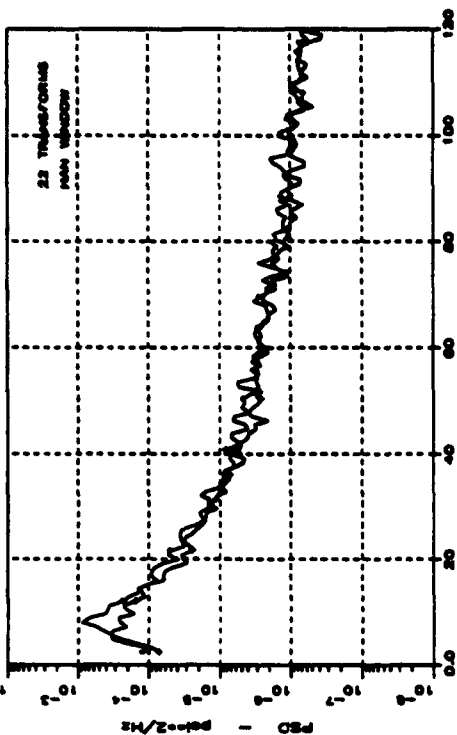
LOC 26 RMS = 0.0701 Record 52: Q-33 Alpha-30 Beta=-4 FENCE OFF  
LOC 26 RMS = 0.0481 Record 150: Q-33 Alpha-30 Beta=-4 FENCE ON



FREQUENCY - HZ  
DELTA F = 0.798

# F-18 Tail Buffet Test

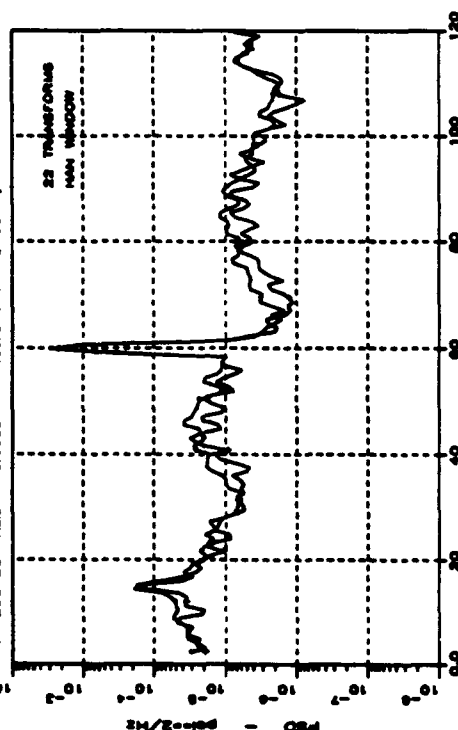
LOC 27 RMS = 0.0734 Record 52: Q-33 Alpha-30 Beta=-4 FENCE OFF  
LOC 27 RMS = 0.0573 Record 150: Q-33 Alpha-30 Beta=-4 FENCE ON



FREQUENCY - HZ  
DELTA F = 0.798

# F-18 Tail Buffet Test

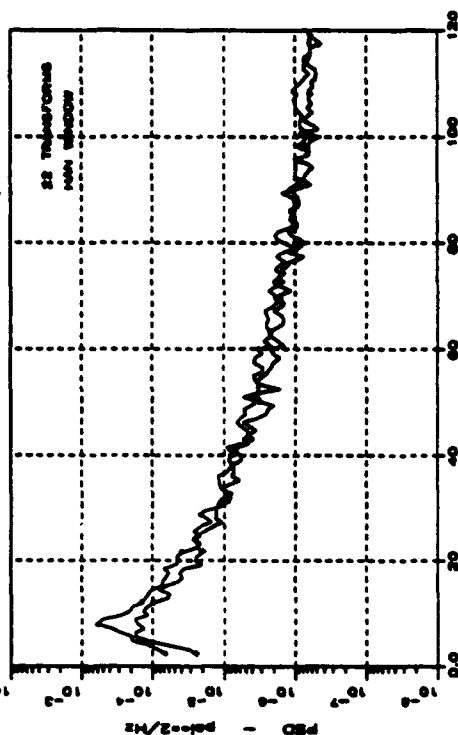
LOC 26 RMS = 0.0732 Record 52: Q-33 Alpha-30 Beta=-4 FENCE OFF  
LOC 26 RMS = 0.0588 Record 150: Q-33 Alpha-30 Beta=-4 FENCE ON



FREQUENCY - HZ  
DELTA F = 0.798

# F-18 Tail Buffet Test

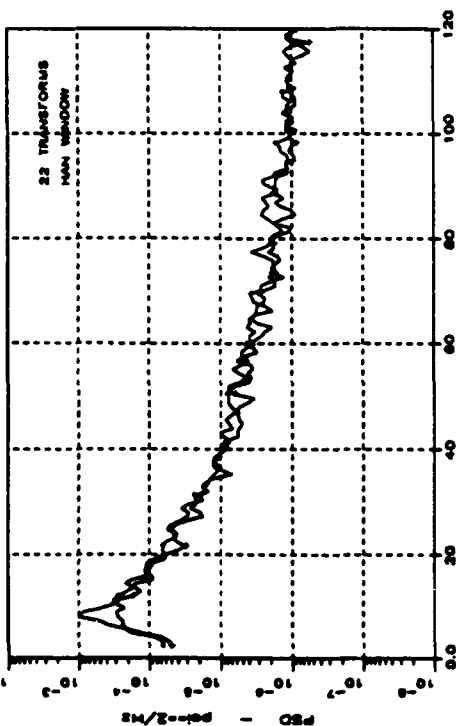
LOC 26 RMS = 0.0513 Record 52: Q-33 Alpha-30 Beta=-4 FENCE OFF  
LOC 26 RMS = 0.0448 Record 150: Q-33 Alpha-30 Beta=-4 FENCE ON



FREQUENCY - HZ  
DELTA F = 0.798

# F-18 Tail Buffet Test

• LOC 32 RMS = 0.0745 Record 82: Q-33 Alpha-30 Beta=-4 FENCE OFF  
 • LOC 32 RMS = 0.0608 Record 180: Q-33 Alpha-30 Beta=-4 FENCE ON

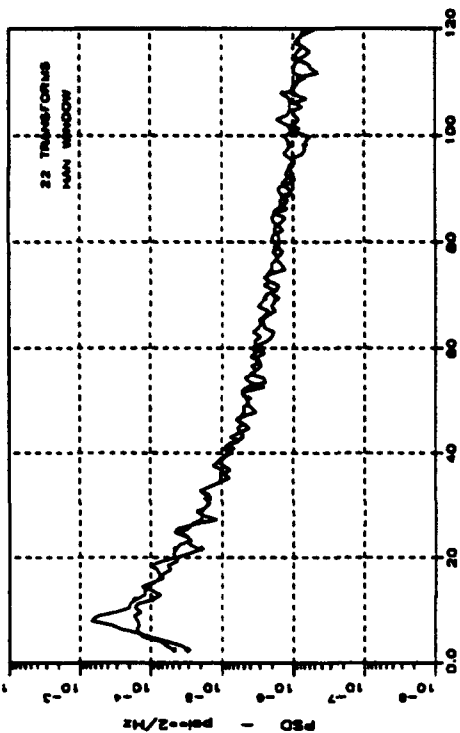


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

• LOC 31 RMS = 0.0426 Record 82: Q-33 Alpha-30 Beta=-4 FENCE OFF  
 • LOC 31 RMS = 0.0468 Record 180: Q-33 Alpha-30 Beta=-4 FENCE ON

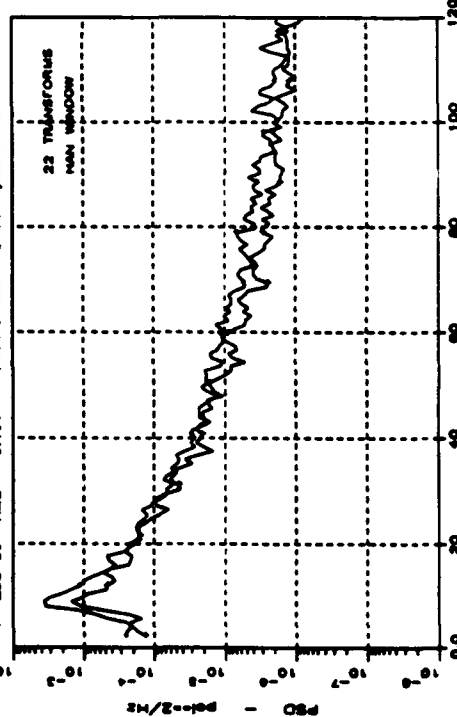


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

• LOC 30 RMS = 0.142 Record 82: Q-33 Alpha-30 Beta=-4 FENCE OFF  
 • LOC 30 RMS = 0.101 Record 180: Q-33 Alpha-30 Beta=-4 FENCE ON

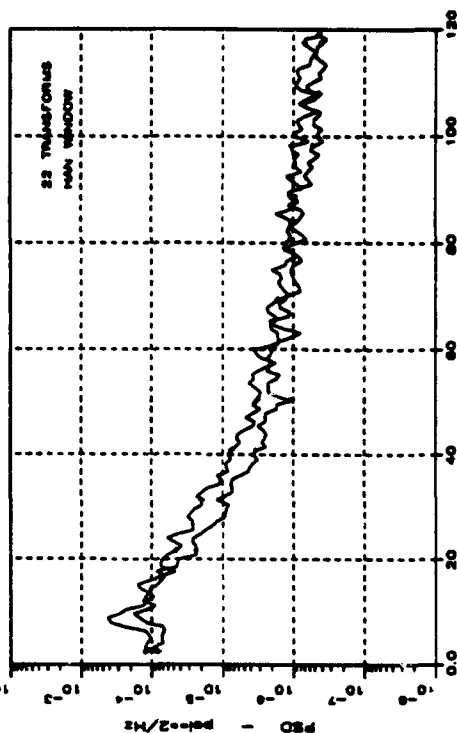


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

• LOC 29 RMS = 0.0480 Record 82: Q-33 Alpha-30 Beta=-4 FENCE OFF  
 • LOC 29 RMS = 0.0688 Record 180: Q-33 Alpha-30 Beta=-4 FENCE ON



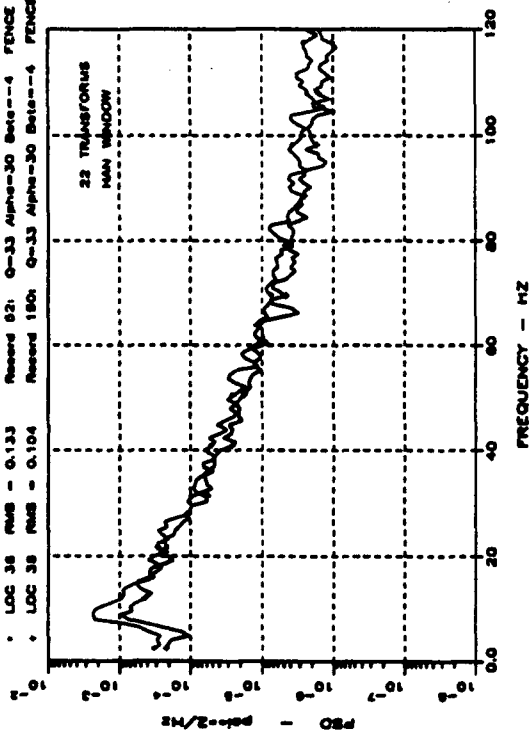
FREQUENCY - HZ

DELTA F = 0.798



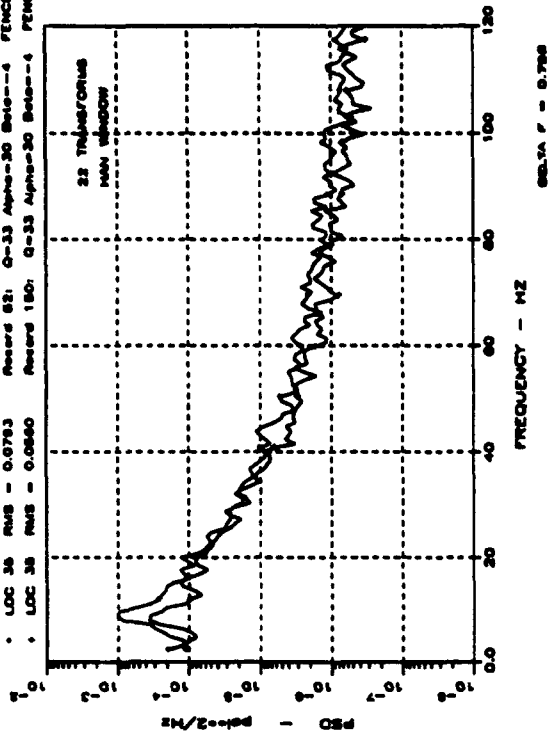
# F-16 Tail Buffet Test

LOC 36 RMS = 0.133 Record 52: Q-33 Alpha-30 Beta=-4 FENCE OFF  
LOC 38 RMS = 0.104 Record 150: Q-33 Alpha-30 Beta=-4 FENCE ON



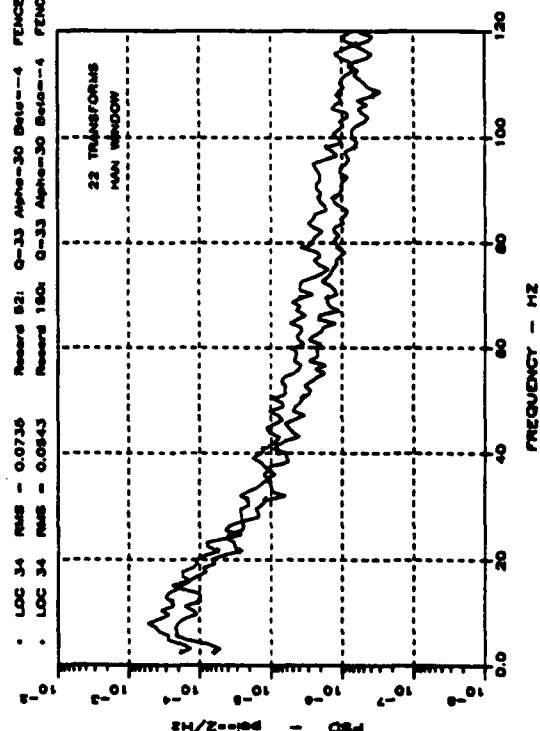
# F-16 Tail Buffet Test

LOC 36 RMS = 0.0793 Record 52: Q-33 Alpha-30 Beta=-4 FENCE OFF  
LOC 38 RMS = 0.0660 Record 150: Q-33 Alpha-30 Beta=-4 FENCE ON



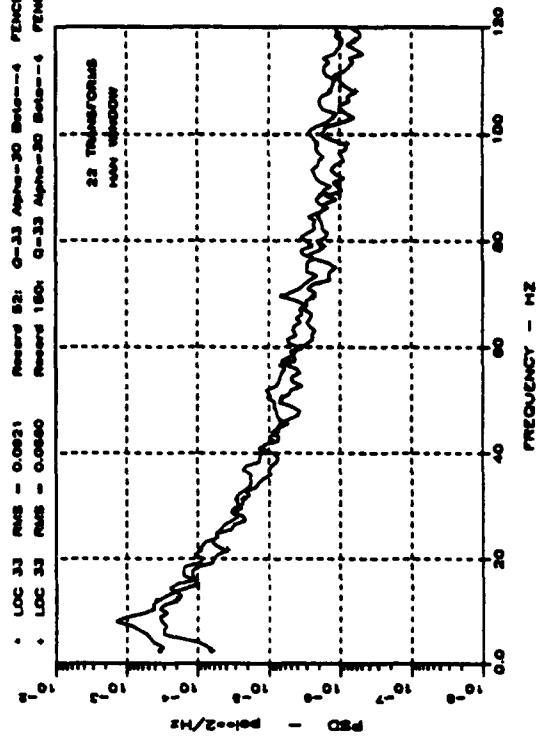
# F-16 Tail Buffet Test

LOC 34 RMS = 0.0736 Record 52: Q-33 Alpha-30 Beta=-4 FENCE OFF  
LOC 34 RMS = 0.0643 Record 150: Q-33 Alpha-30 Beta=-4 FENCE ON



# F-16 Tail Buffet Test

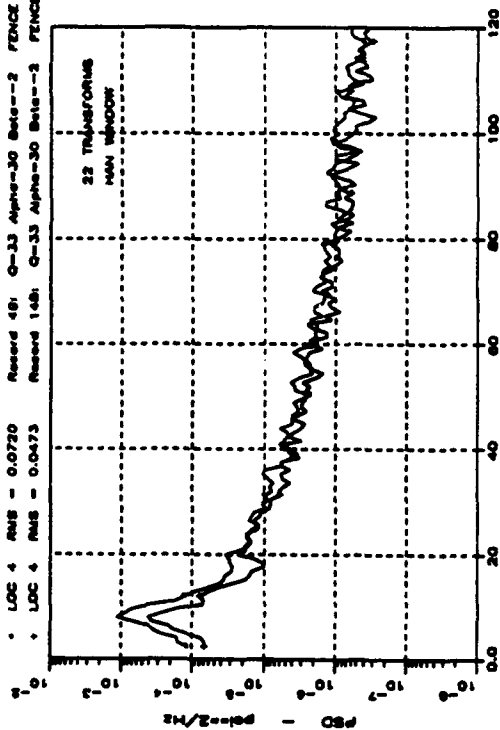
LOC 33 RMS = 0.0021 Record 52: Q-33 Alpha-30 Beta=-4 FENCE OFF  
LOC 33 RMS = 0.0060 Record 150: Q-33 Alpha-30 Beta=-4 FENCE ON





# F-16 Tail Buffet Test

• LOC 4 RMS = 0.0720 Record 46: Q-33 Alpha-30 Beta=-2 FENCE OFF  
 • LOC 4 RMS = 0.0475 Record 148: Q-33 Alpha-30 Beta=-2 FENCE ON

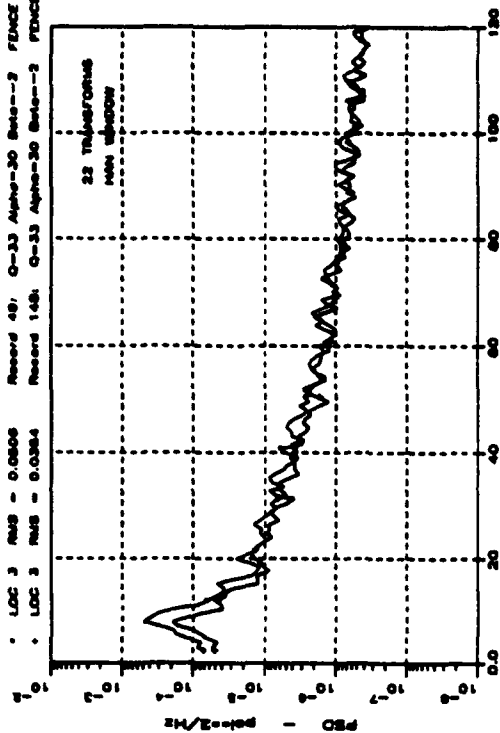


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 3 RMS = 0.0808 Record 46: Q-33 Alpha-30 Beta=-2 FENCE OFF  
 • LOC 3 RMS = 0.0384 Record 148: Q-33 Alpha-30 Beta=-2 FENCE ON

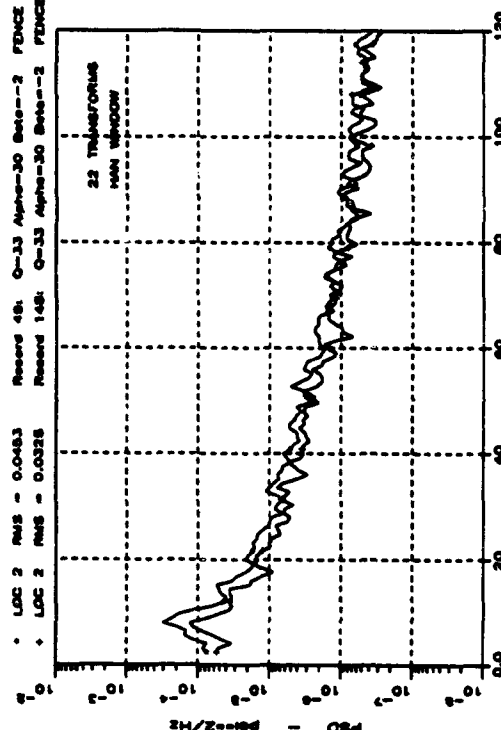


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 2 RMS = 0.0483 Record 46: Q-33 Alpha-30 Beta=-2 FENCE OFF  
 • LOC 2 RMS = 0.0328 Record 148: Q-33 Alpha-30 Beta=-2 FENCE ON

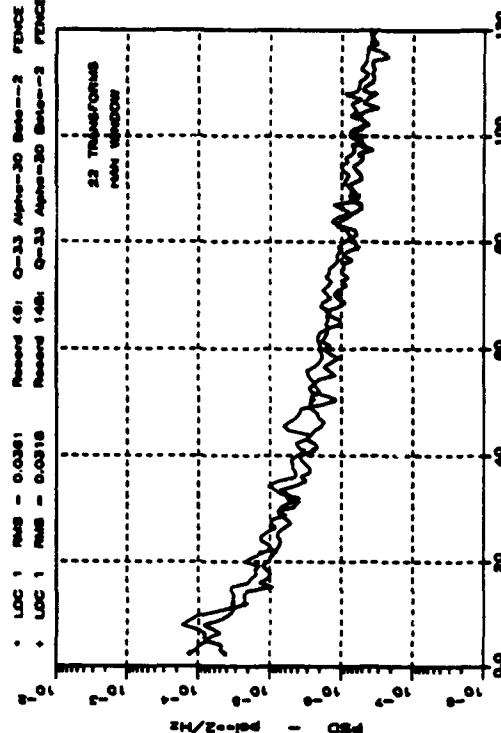


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 1 RMS = 0.0381 Record 46: Q-33 Alpha-30 Beta=-2 FENCE OFF  
 • LOC 1 RMS = 0.0318 Record 148: Q-33 Alpha-30 Beta=-2 FENCE ON

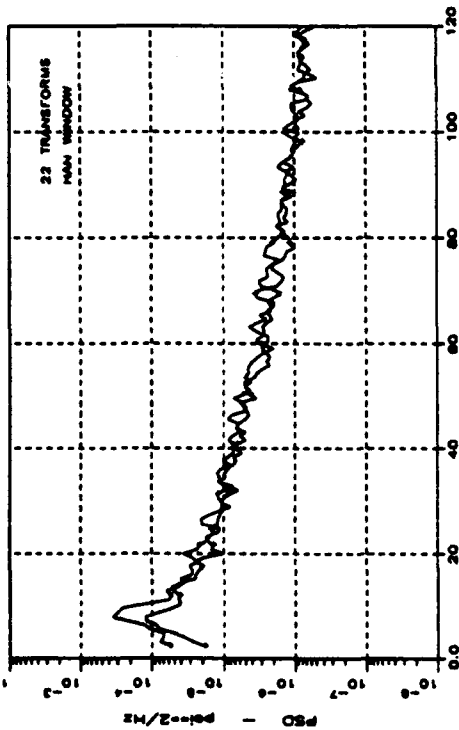


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

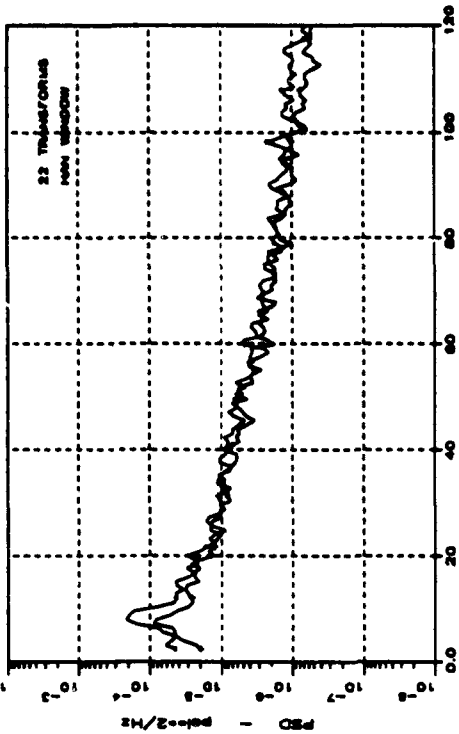
• LOC 6 RMS = 0.04174 Record 49: Q-33 Alpha-30 Beta=-2 FENCE OFF  
 • LOC 6 RMS = 0.03866 Record 148: Q-33 Alpha-30 Beta=-2 FENCE ON



FREQUENCY - HZ  
 DELTA F = 0.798

# F-16 Tail Buffet Test

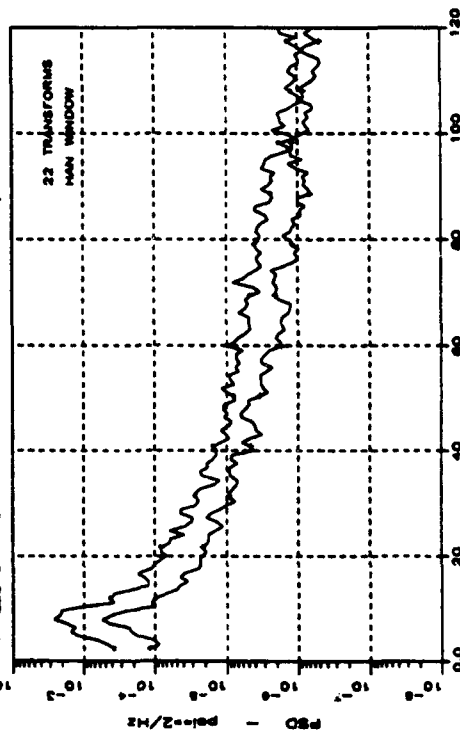
• LOC 7 RMS = 0.0408 Record 49: Q-33 Alpha-30 Beta=-2 FENCE OFF  
 • LOC 7 RMS = 0.0323 Record 148: Q-33 Alpha-30 Beta=-2 FENCE ON



FREQUENCY - HZ  
 DELTA F = 0.798

# F-16 Tail Buffet Test

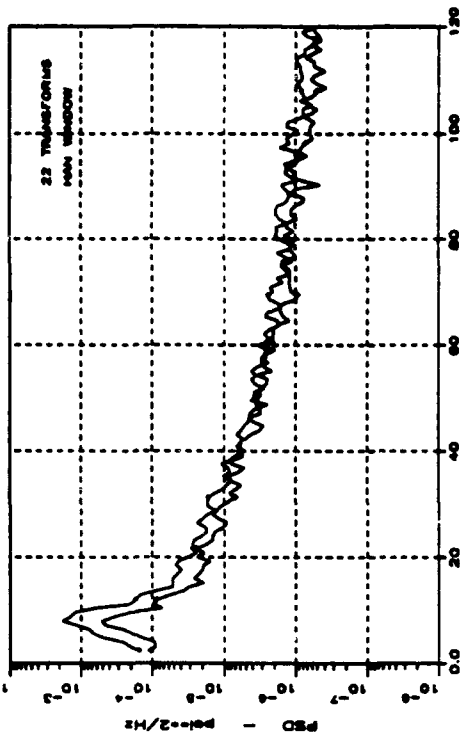
• LOC 6 RMS = 0.122 Record 49: Q-33 Alpha-30 Beta=-2 FENCE OFF  
 • LOC 6 RMS = 0.0848 Record 148: Q-33 Alpha-30 Beta=-2 FENCE ON



FREQUENCY - HZ  
 DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 5 RMS = 0.0904 Record 49: Q-33 Alpha-30 Beta=-2 FENCE OFF  
 • LOC 5 RMS = 0.0816 Record 148: Q-33 Alpha-30 Beta=-2 FENCE ON



FREQUENCY - HZ  
 DELTA F = 0.798

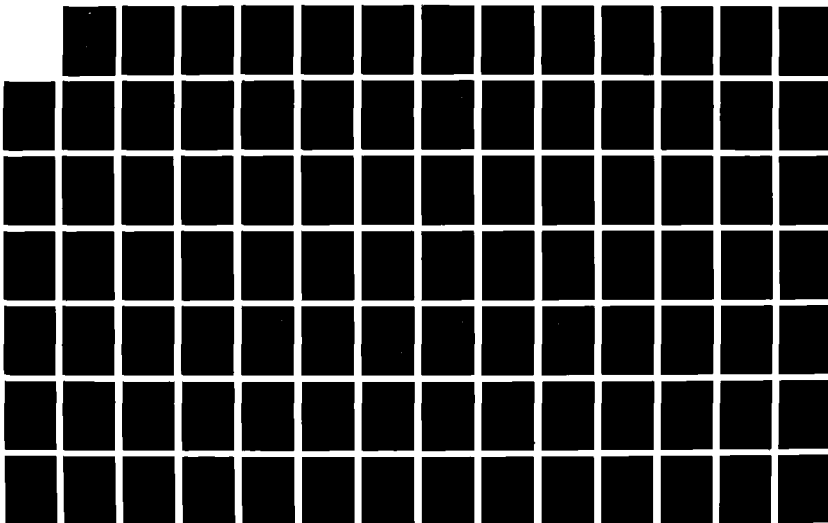
AD-A281 444

PRESSURE MEASUREMENTS ON AN F/A-18 TWIN VERTICAL TAIL IN 4/8  
BUFFETING FLOW VOLUME 3 BUFFET POWER SPECTRAL DENSITIES  
(U) WRIGHT LAB WRIGHT-PATTERSON AFB OH C PETTIT ET AL.

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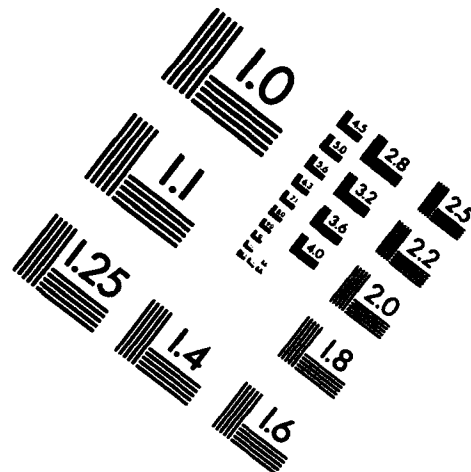
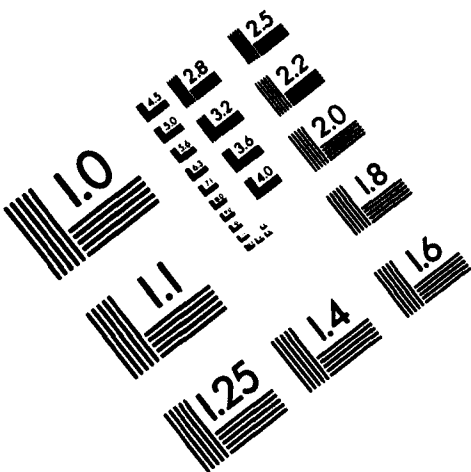


**AIIM**

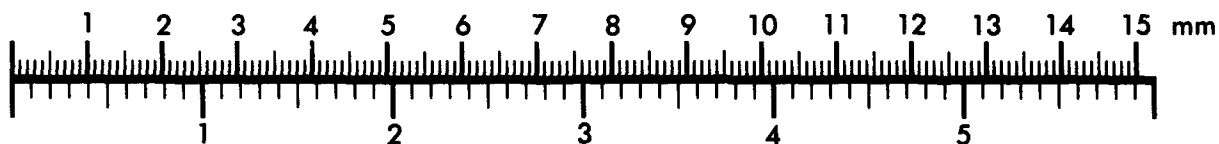
**Association for Information and Image Management**

1100 Wayne Avenue, Suite 1100  
Silver Spring, Maryland 20910

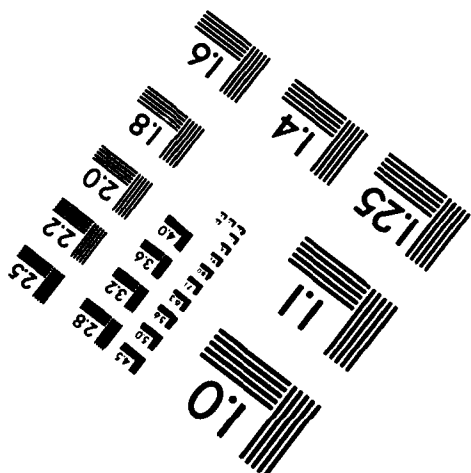
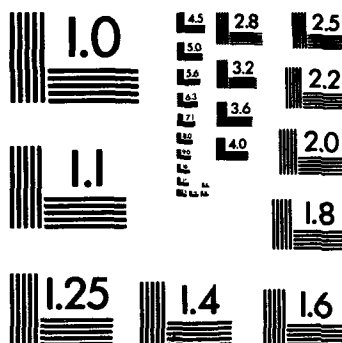
301/587-8202



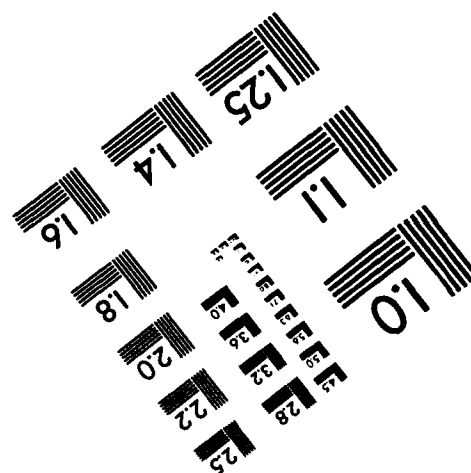
**Centimeter**



**Inches**

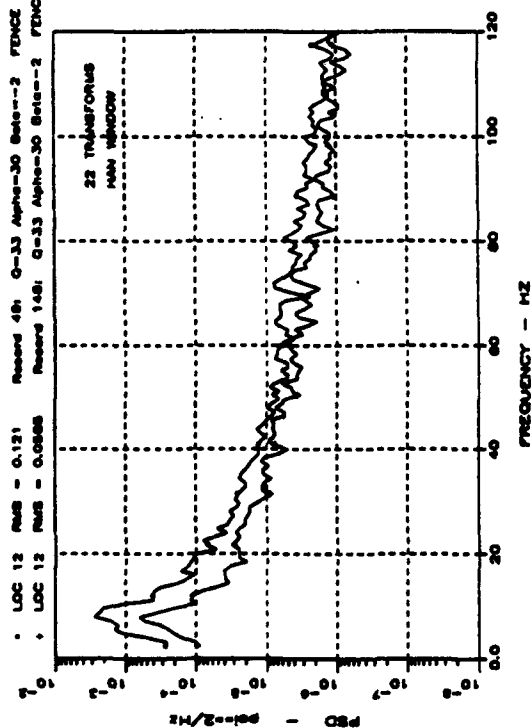


MANUFACTURED TO AIIM STANDARDS  
BY APPLIED IMAGE, INC.



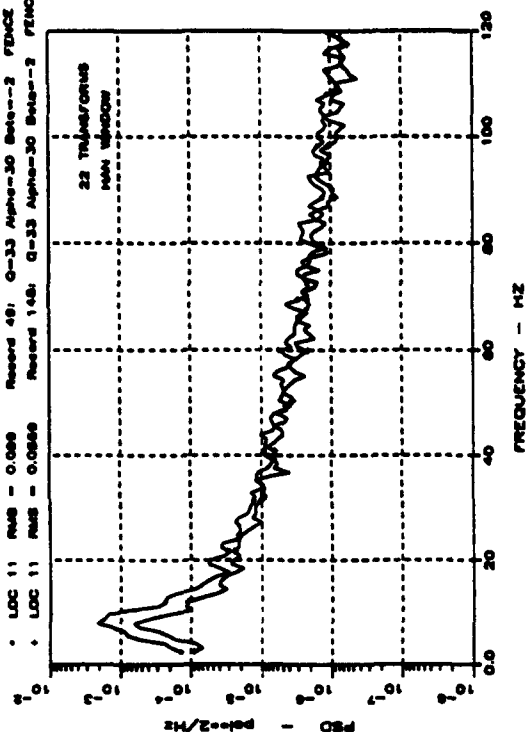
# F-16 Tail Buffet Test

LOC 12 RMS = 0.121 Record 48: Q-33 Alpha-30 Beta=-2 FENCE OFF  
LOC 12 RMS = 0.0885 Record 148: Q-33 Alpha-30 Beta=-2 FENCE ON



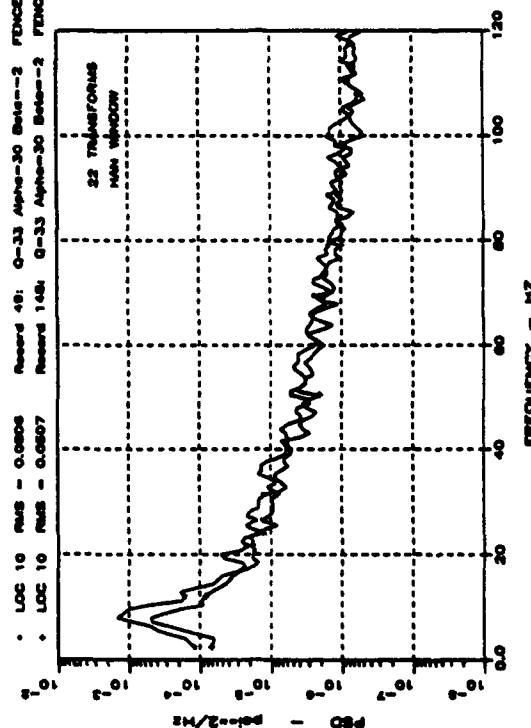
# F-16 Tail Buffet Test

LOC 11 RMS = 0.088 Record 48: Q-33 Alpha-30 Beta=-2 FENCE OFF  
LOC 11 RMS = 0.0886 Record 148: Q-33 Alpha-30 Beta=-2 FENCE ON



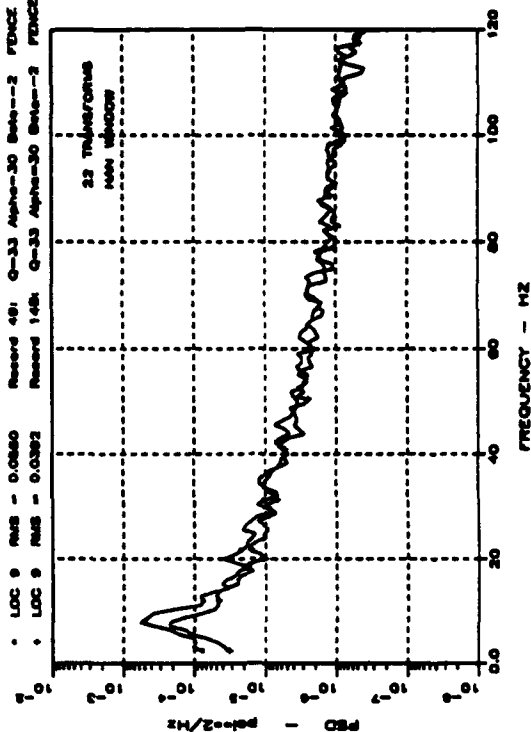
# F-16 Tail Buffet Test

LOC 10 RMS = 0.0806 Record 48: Q-33 Alpha-30 Beta=-2 FENCE OFF  
LOC 10 RMS = 0.0807 Record 148: Q-33 Alpha-30 Beta=-2 FENCE ON



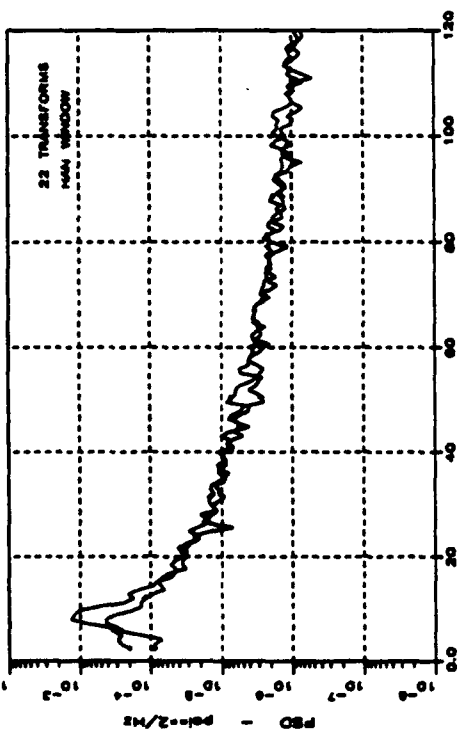
# F-16 Tail Buffet Test

LOC 9 RMS = 0.0860 Record 48: Q-33 Alpha-30 Beta=-2 FENCE OFF  
LOC 9 RMS = 0.0862 Record 148: Q-33 Alpha-30 Beta=-2 FENCE ON



F-16 Tail Buffet Test

LOC 16 RMS = 0.0026 Record 48: Q-33 Alpha-30 Beta=-2 FENCE OFF  
LOC 18 RMS = 0.0000 Record 148: Q-33 Alpha-30 Beta=-2 FENCE ON

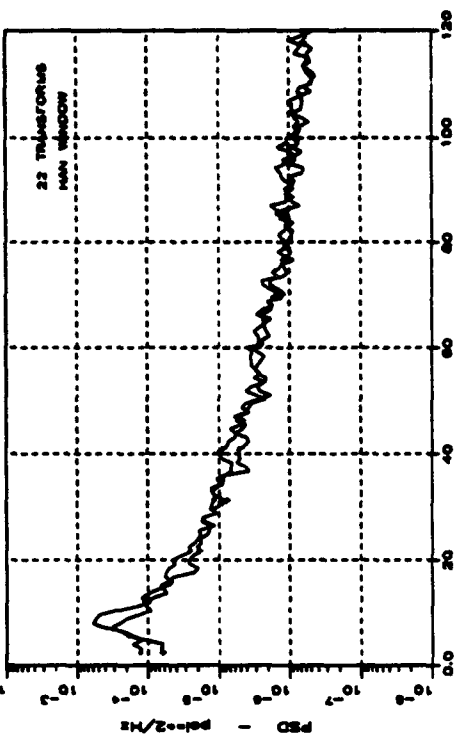


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 16 RMS = 0.0011 Record 48: Q-33 Alpha-30 Beta=-2 FENCE OFF  
LOC 18 RMS = 0.0000 Record 148: Q-33 Alpha-30 Beta=-2 FENCE ON

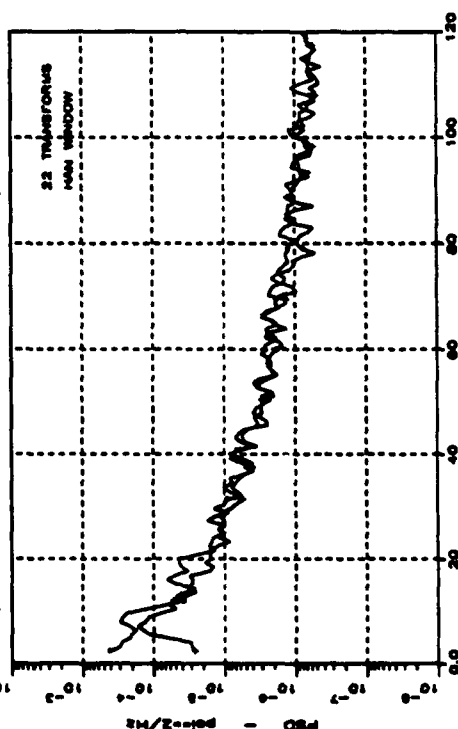


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 14 RMS = 0.0040 Record 48: Q-33 Alpha-30 Beta=-2 FENCE OFF  
LOC 14 RMS = 0.0000 Record 148: Q-33 Alpha-30 Beta=-2 FENCE ON

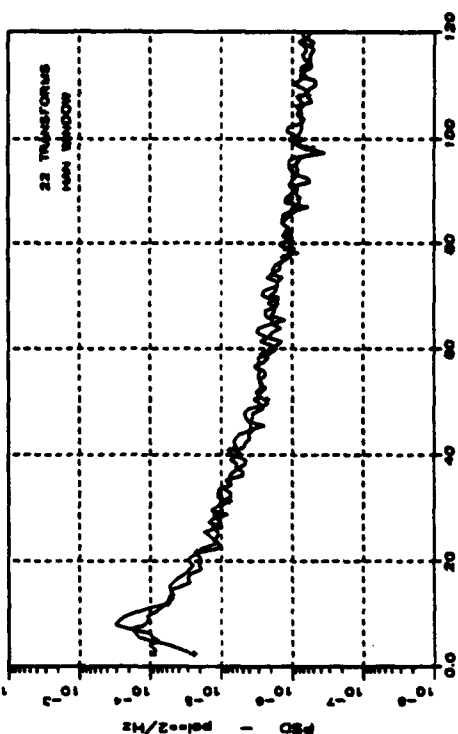


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 13 RMS = 0.0067 Record 48: Q-33 Alpha-30 Beta=-2 FENCE OFF  
LOC 13 RMS = 0.0002 Record 148: Q-33 Alpha-30 Beta=-2 FENCE ON



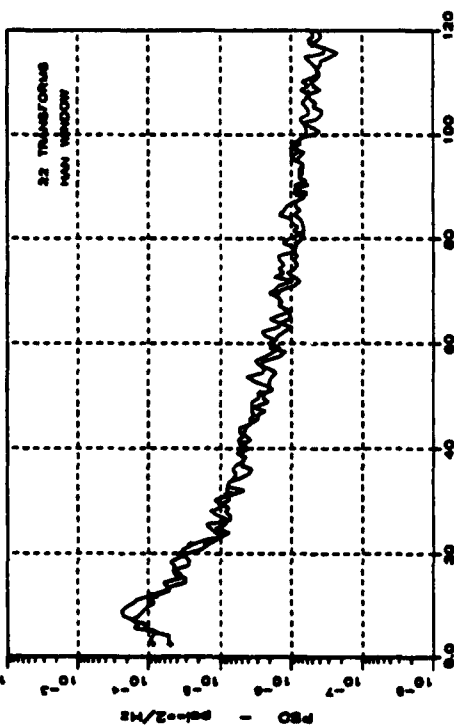
FREQUENCY - HZ

DELTA F = 0.798



F-16 Tail Buffet Test

• LOC 20 RMS = 0.0484 Record 40: Q-33 Alpha-30 Beta=-2 FENCE OFF  
• LOC 20 RMS = 0.0413 Record 140: Q-33 Alpha-30 Beta=-2 FENCE ON

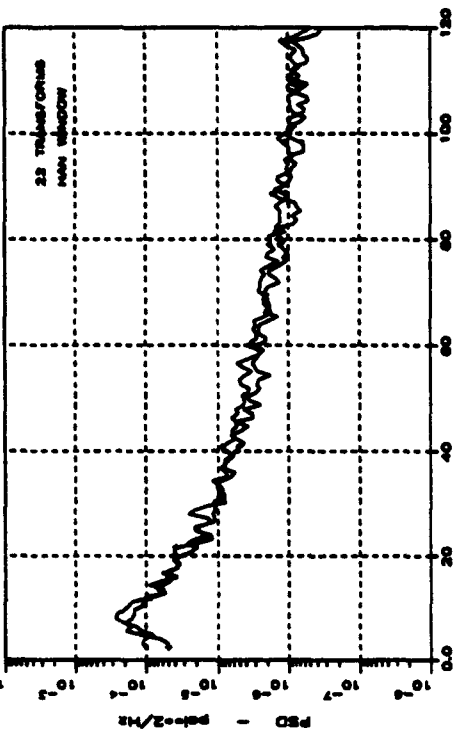


FREQUENCY - HZ

DELTA P = 0.7508

F-16 Tail Buffet Test

• LOC 19 RMS = 0.0408 Record 40: Q-33 Alpha-30 Beta=-2 FENCE OFF  
• LOC 19 RMS = 0.0458 Record 140: Q-33 Alpha-30 Beta=-2 FENCE ON

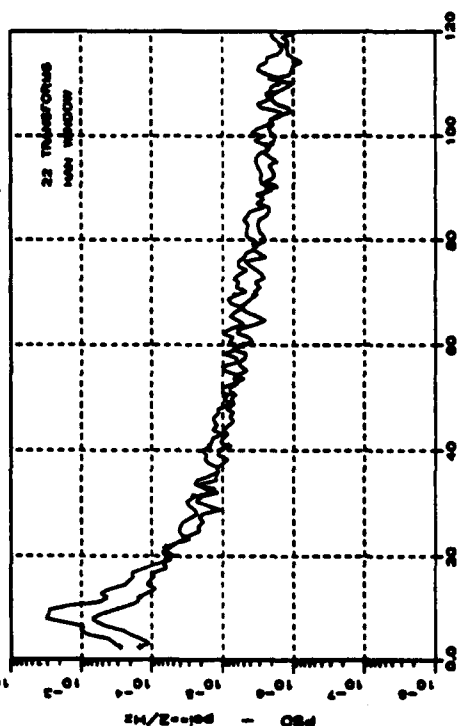


FREQUENCY - HZ

DELTA P = 0.7508

F-16 Tail Buffet Test

• LOC 18 RMS = 0.127 Record 40: Q-33 Alpha-30 Beta=-2 FENCE OFF  
• LOC 18 RMS = 0.0681 Record 140: Q-33 Alpha-30 Beta=-2 FENCE ON

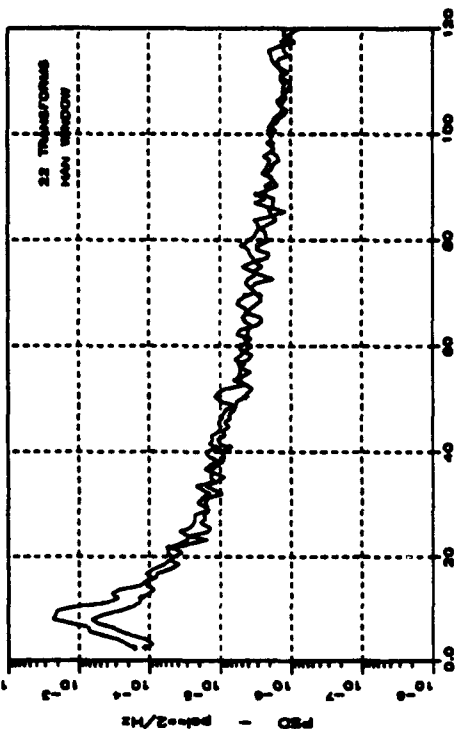


FREQUENCY - HZ

DELTA P = 0.7508

F-16 Tail Buffet Test

• LOC 17 RMS = 0.106 Record 40: Q-33 Alpha-30 Beta=-2 FENCE OFF  
• LOC 17 RMS = 0.0638 Record 140: Q-33 Alpha-30 Beta=-2 FENCE ON

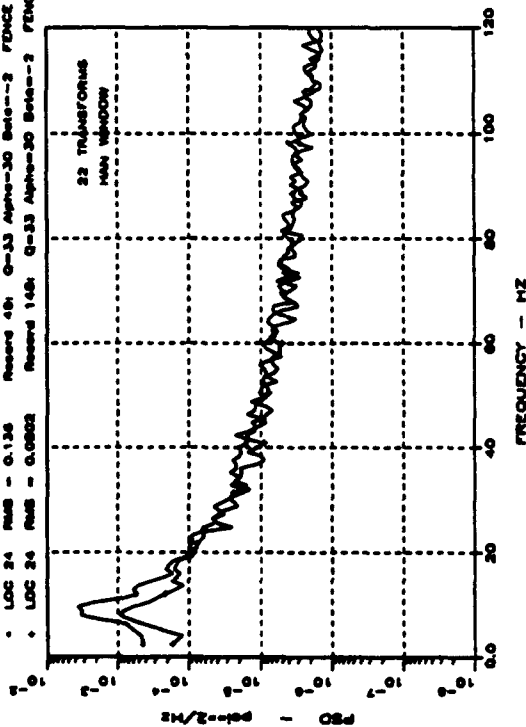


FREQUENCY - HZ

DELTA P = 0.7508

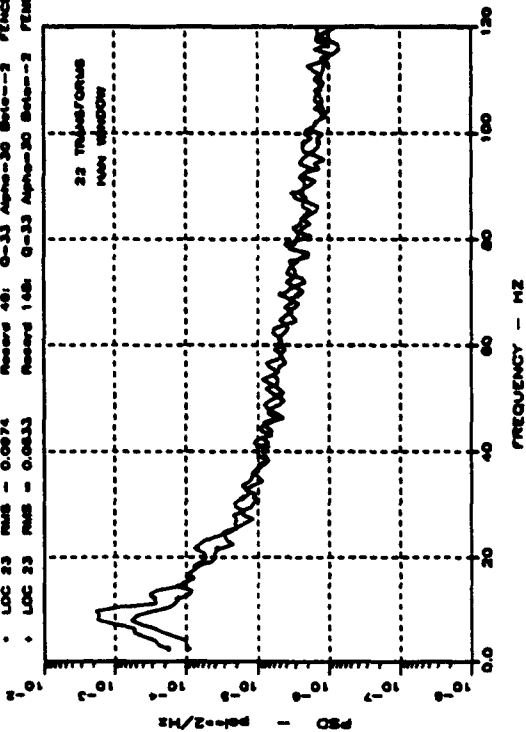
# F-18 Tail Buffet Test

LOC 24 RMS = 0.136 Record 48: Q=33 Alpha=30 Beta=-2 FENCE OFF  
LOC 24 RMS = 0.0802 Record 148: Q=33 Alpha=30 Beta=-2 FENCE ON



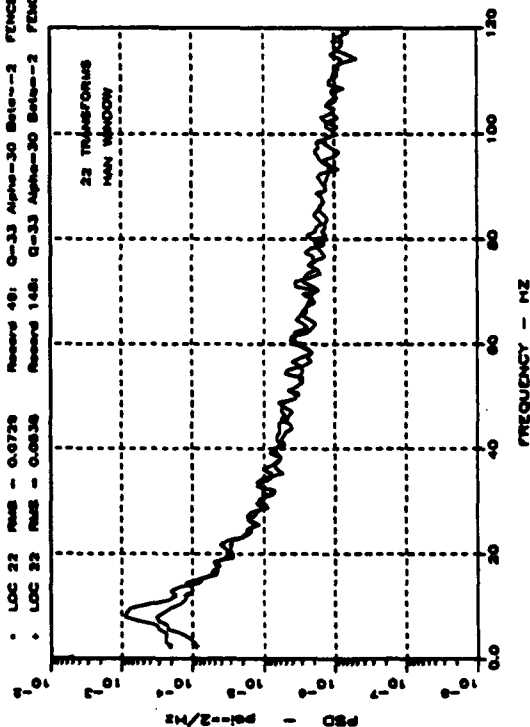
# F-18 Tail Buffet Test

LOC 23 RMS = 0.0974 Record 48: Q=33 Alpha=30 Beta=-2 FENCE OFF  
LOC 23 RMS = 0.0833 Record 148: Q=33 Alpha=30 Beta=-2 FENCE ON



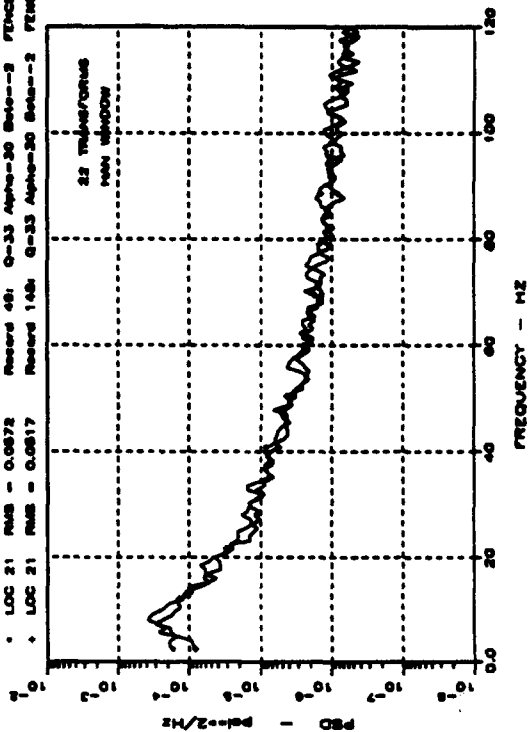
# F-18 Tail Buffet Test

LOC 22 RMS = 0.0726 Record 48: Q=33 Alpha=30 Beta=-2 FENCE OFF  
LOC 22 RMS = 0.0536 Record 148: Q=33 Alpha=30 Beta=-2 FENCE ON



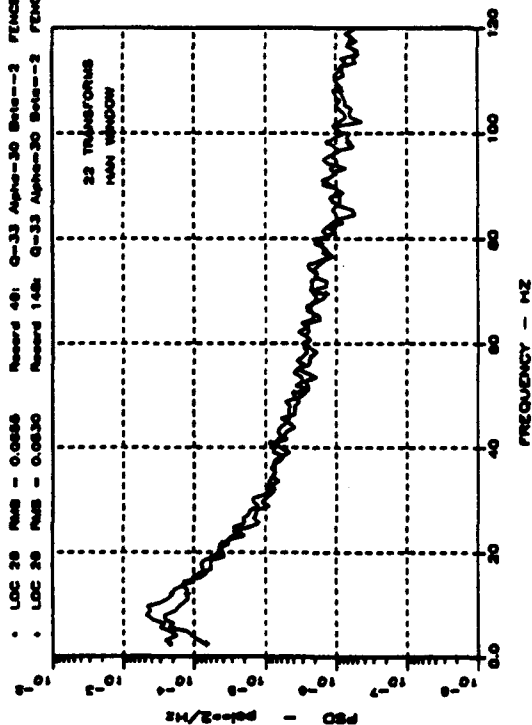
# F-18 Tail Buffet Test

LOC 21 RMS = 0.0572 Record 48: Q=33 Alpha=30 Beta=-2 FENCE OFF  
LOC 21 RMS = 0.0517 Record 148: Q=33 Alpha=30 Beta=-2 FENCE ON



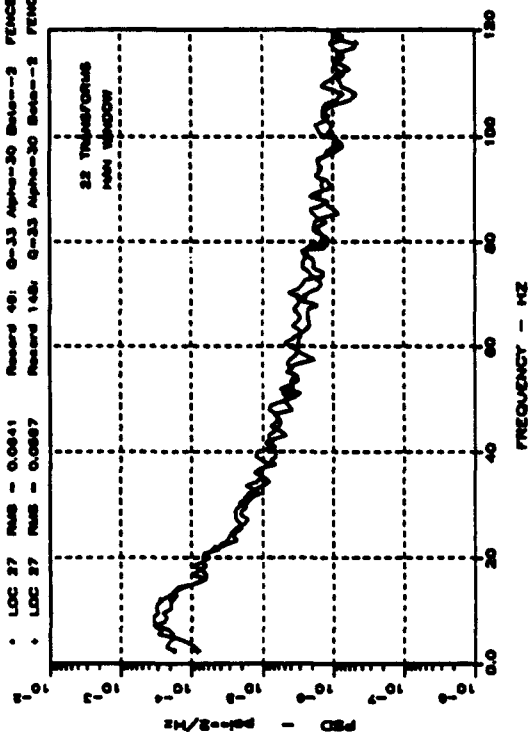
F-16 Tail Buffet Test

• LOC 26 RMS = 0.0056 Record 40: Q-33 Alpha-30 Beta=-2 FENCE OFF  
 • LOC 26 RMS = 0.0030 Record 146: Q-33 Alpha-30 Beta=-2 FENCE ON



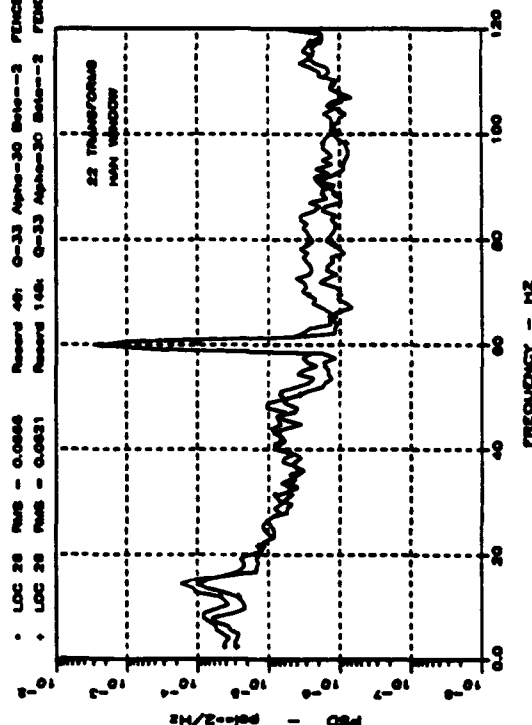
F-16 Tail Buffet Test

• LOC 27 RMS = 0.0041 Record 40: Q-33 Alpha-30 Beta=-2 FENCE OFF  
 • LOC 27 RMS = 0.0097 Record 146: Q-33 Alpha-30 Beta=-2 FENCE ON



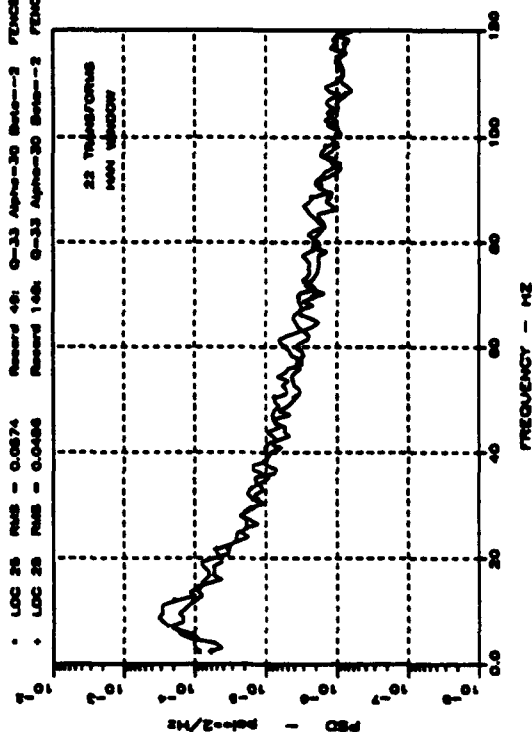
F-16 Tail Buffet Test

• LOC 26 RMS = 0.0066 Record 40: Q-33 Alpha-30 Beta=-2 FENCE OFF  
 • LOC 26 RMS = 0.0031 Record 146: Q-33 Alpha-30 Beta=-2 FENCE ON



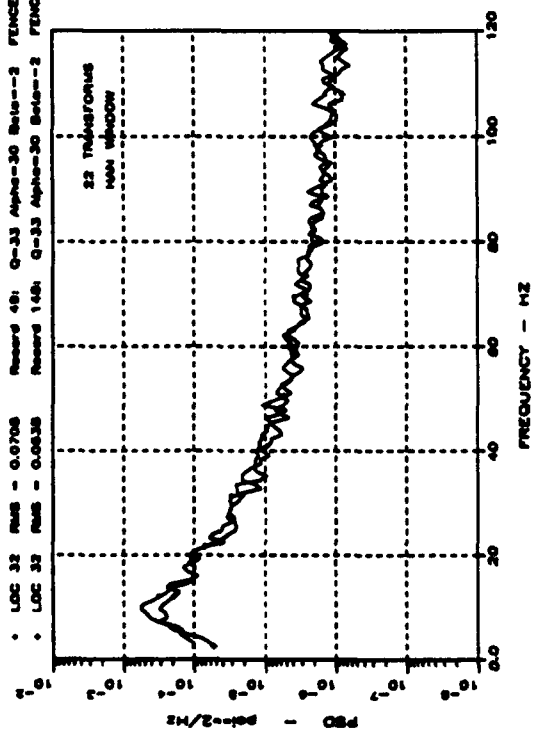
F-16 Tail Buffet Test

• LOC 26 RMS = 0.0074 Record 40: Q-33 Alpha-30 Beta=-2 FENCE OFF  
 • LOC 26 RMS = 0.0066 Record 146: Q-33 Alpha-30 Beta=-2 FENCE ON



# F-16 Tail Buffet Test

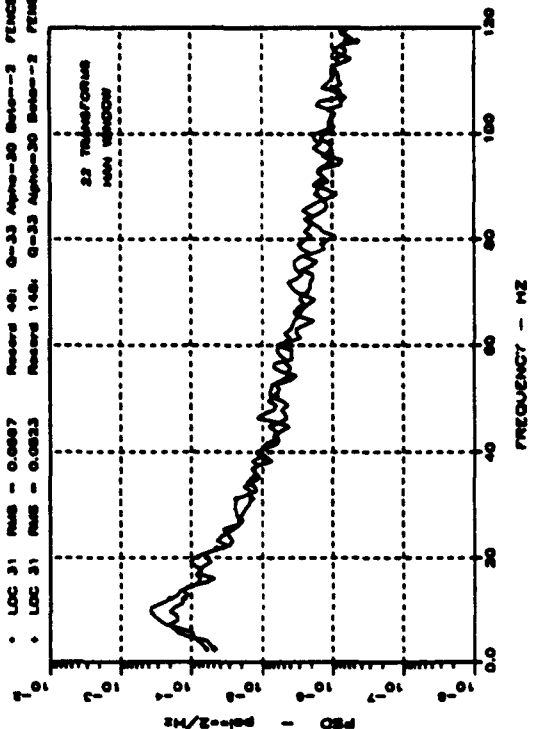
• LOC 32 RMS = 0.0708 Record 49: Q=33 Alpha=30 Beta=-2 FENCE OFF  
 • LOC 32 RMS = 0.0636 Record 149: Q=33 Alpha=30 Beta=-2 FENCE ON



DELTA P = 0.798

# F-16 Tail Buffet Test

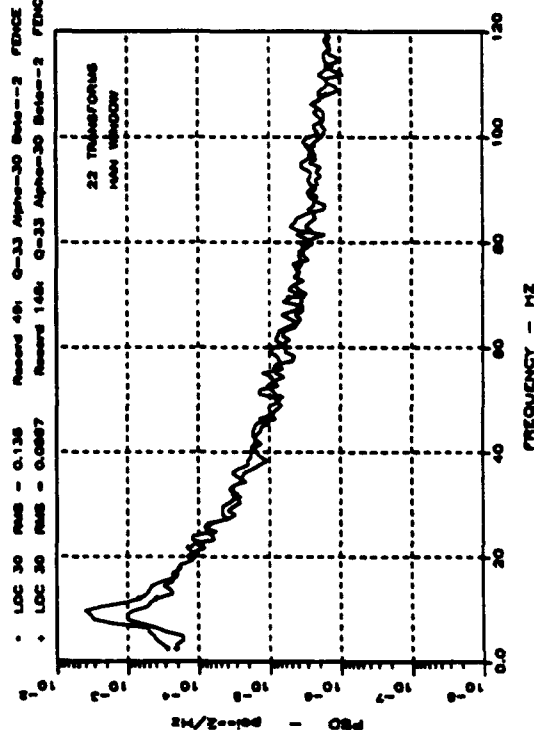
• LOC 31 RMS = 0.0887 Record 49: Q=33 Alpha=30 Beta=-2 FENCE OFF  
 • LOC 31 RMS = 0.0823 Record 149: Q=33 Alpha=30 Beta=-2 FENCE ON



DELTA P = 0.798

# F-16 Tail Buffet Test

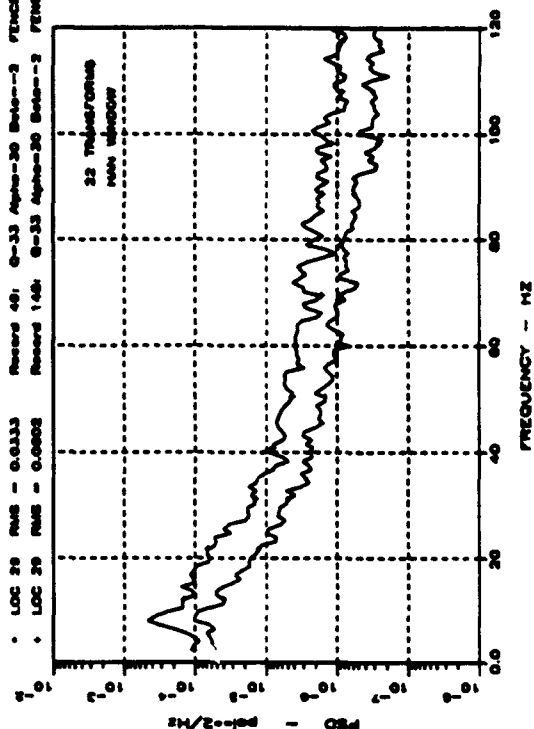
• LOC 30 RMS = 0.136 Record 49: Q=33 Alpha=30 Beta=-2 FENCE OFF  
 • LOC 30 RMS = 0.0887 Record 149: Q=33 Alpha=30 Beta=-2 FENCE ON



DELTA P = 0.798

# F-16 Tail Buffet Test

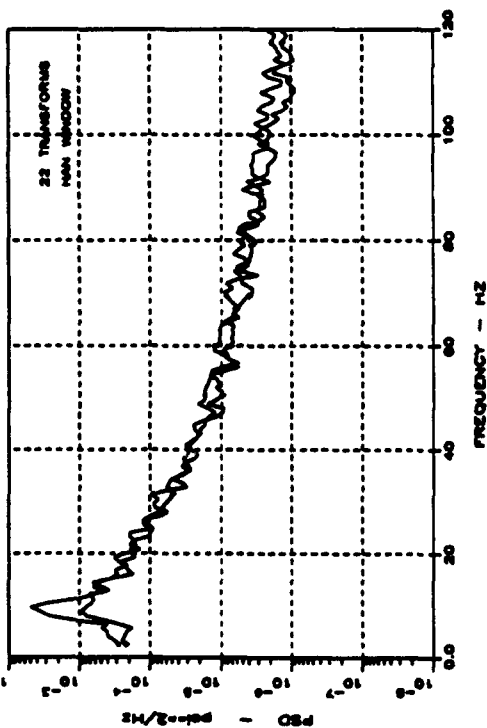
• LOC 29 RMS = 0.0333 Record 49: Q=33 Alpha=30 Beta=-2 FENCE OFF  
 • LOC 29 RMS = 0.0808 Record 149: Q=33 Alpha=30 Beta=-2 FENCE ON



DELTA P = 0.798

F-18 Tail Buffet Test

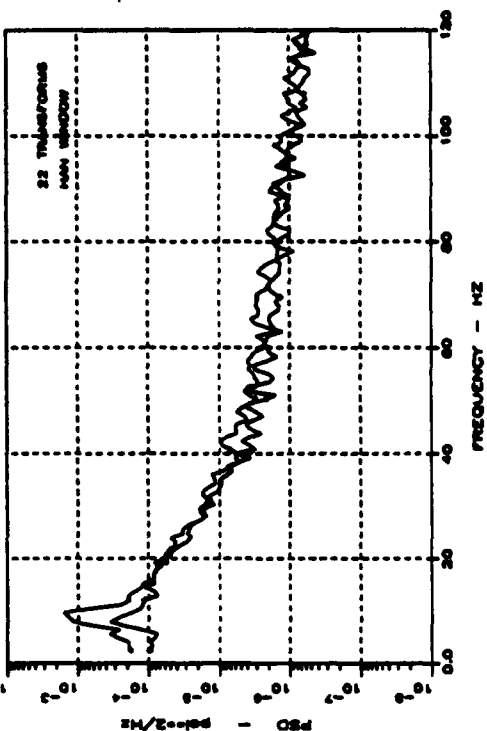
• LOC 36 RMS = 0.142 Record 49: Q-33 Alpha-30 Beta--2 FENCE OFF  
• LOC 36 RMS = 0.090 Record 148: Q-33 Alpha-30 Beta--2 FENCE ON



DELTA P = 0.700

F-18 Tail Buffet Test

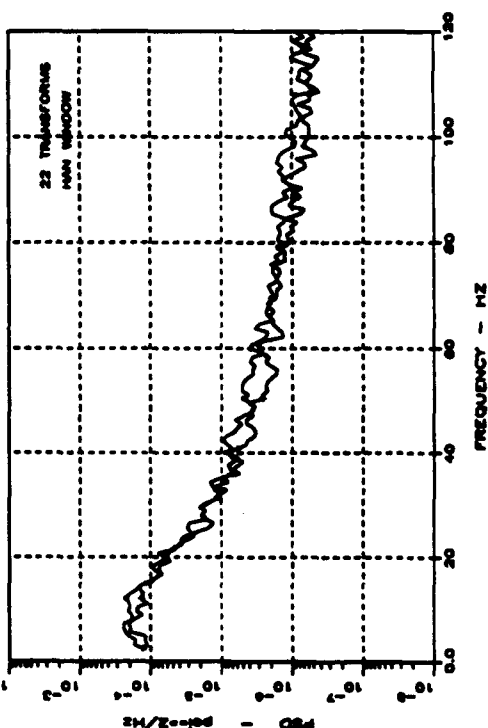
• LOC 36 RMS = 0.093 Record 49: Q-33 Alpha-30 Beta--2 FENCE OFF  
• LOC 36 RMS = 0.052 Record 148: Q-33 Alpha-30 Beta--2 FENCE ON



DELTA P = 0.700

F-18 Tail Buffet Test

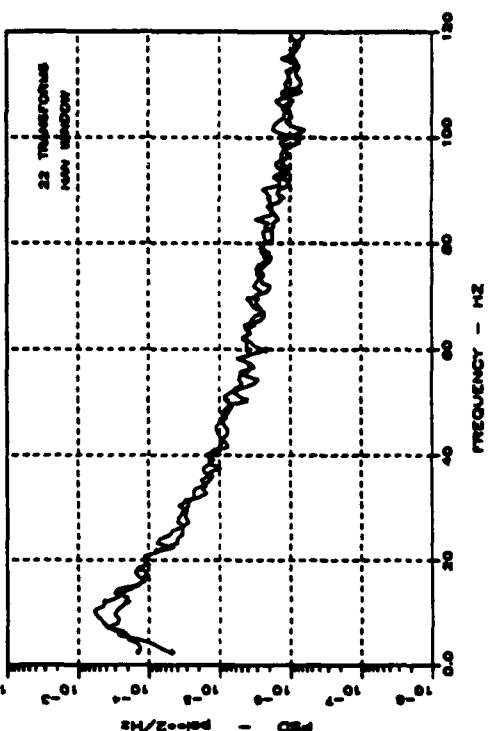
• LOC 34 RMS = 0.093 Record 49: Q-33 Alpha-30 Beta--2 FENCE OFF  
• LOC 34 RMS = 0.032 Record 148: Q-33 Alpha-30 Beta--2 FENCE ON



DELTA P = 0.700

F-18 Tail Buffet Test

• LOC 33 RMS = 0.073 Record 49: Q-33 Alpha-30 Beta--2 FENCE OFF  
• LOC 33 RMS = 0.039 Record 148: Q-33 Alpha-30 Beta--2 FENCE ON

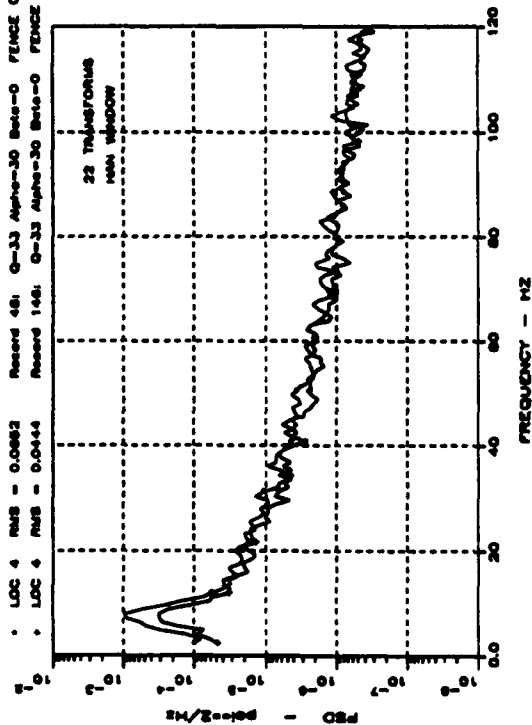


DELTA P = 0.700



# F-18 Tail Buffet Test

LOC 4 RMS = 0.0082 Record 48: Q-33 Alpha-30 Beta-0 FENCE OFF  
LOC 4 RMS = 0.0444 Record 148: Q-33 Alpha-30 Beta-0 FENCE ON

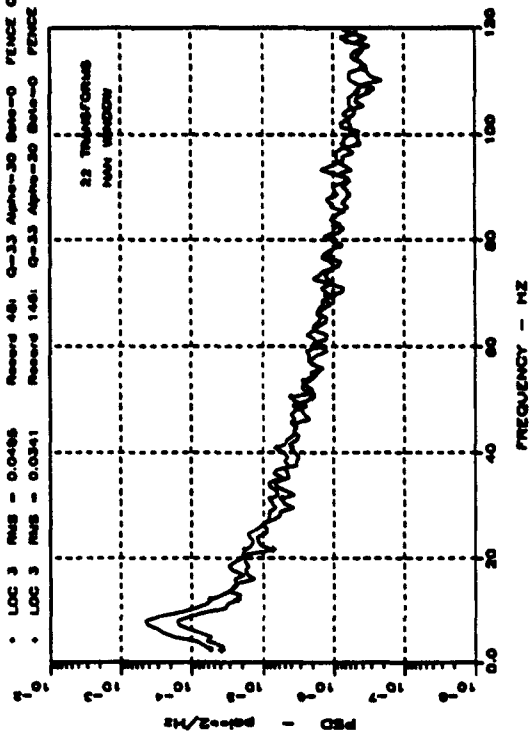


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 3 RMS = 0.0486 Record 48: Q-33 Alpha-30 Beta-0 FENCE OFF  
LOC 3 RMS = 0.0341 Record 148: Q-33 Alpha-30 Beta-0 FENCE ON

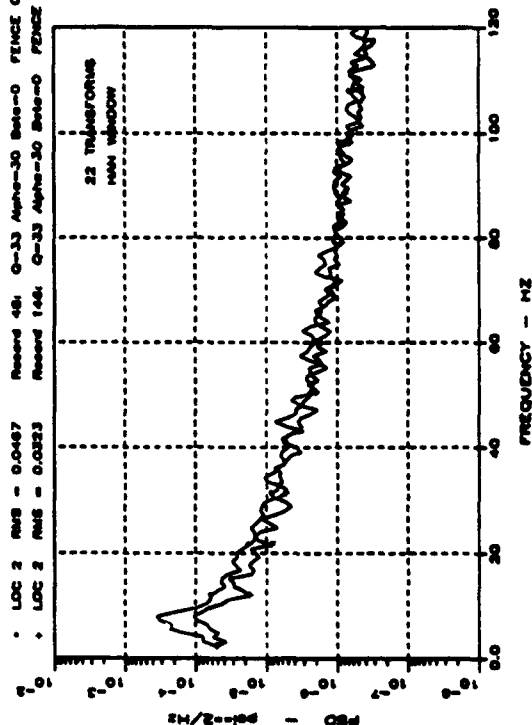


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 2 RMS = 0.0487 Record 48: Q-33 Alpha-30 Beta-0 FENCE OFF  
LOC 2 RMS = 0.0323 Record 148: Q-33 Alpha-30 Beta-0 FENCE ON

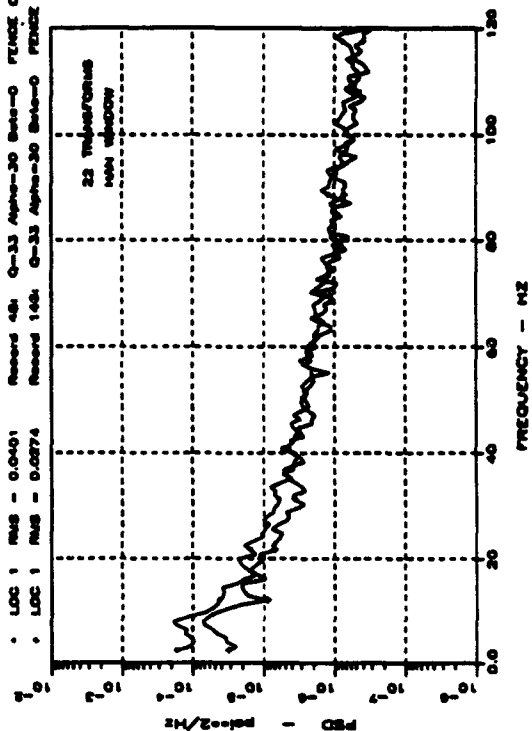


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 1 RMS = 0.0401 Record 48: Q-33 Alpha-30 Beta-0 FENCE OFF  
LOC 1 RMS = 0.0274 Record 148: Q-33 Alpha-30 Beta-0 FENCE ON

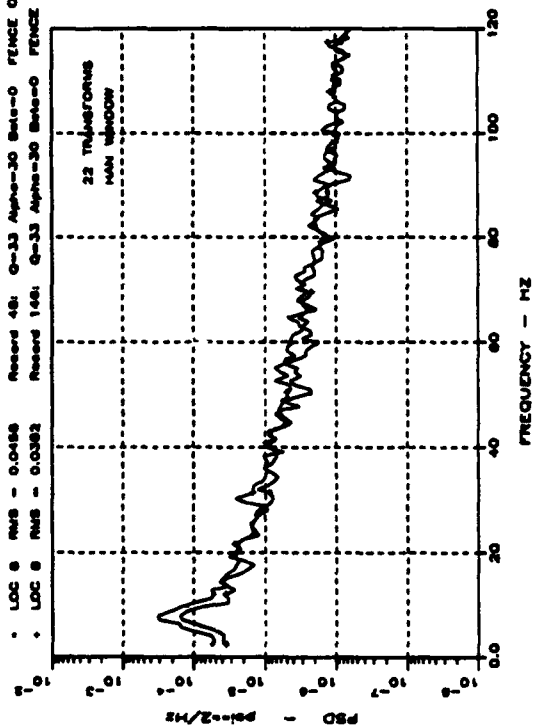


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

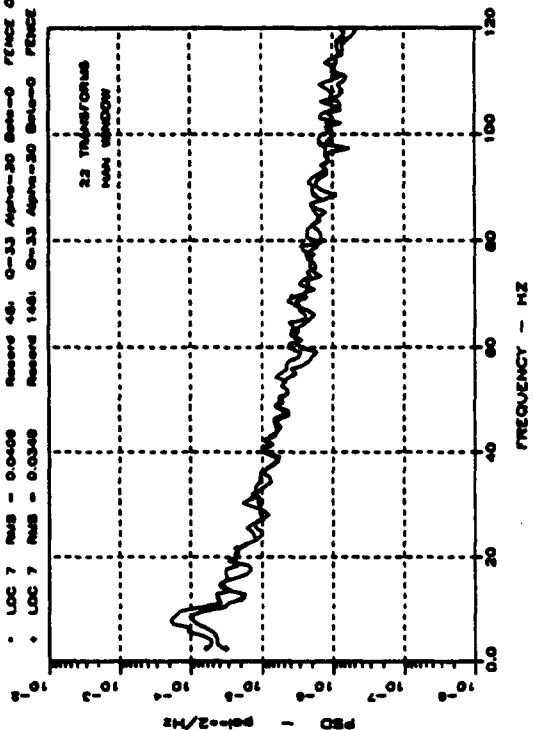
LOC 8 RMS = 0.0486 Record 48: Q-33 Alpha-30 Beta-0 FENCE OFF  
 LOC 8 RMS = 0.0382 Record 148: Q-33 Alpha-30 Beta-0 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

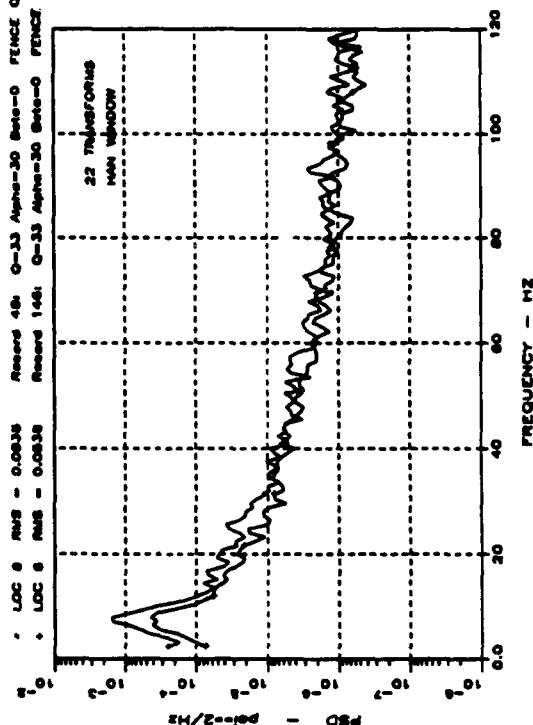
LOC 7 RMS = 0.0406 Record 48: Q-33 Alpha-30 Beta-0 FENCE OFF  
 LOC 7 RMS = 0.0348 Record 148: Q-33 Alpha-30 Beta-0 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

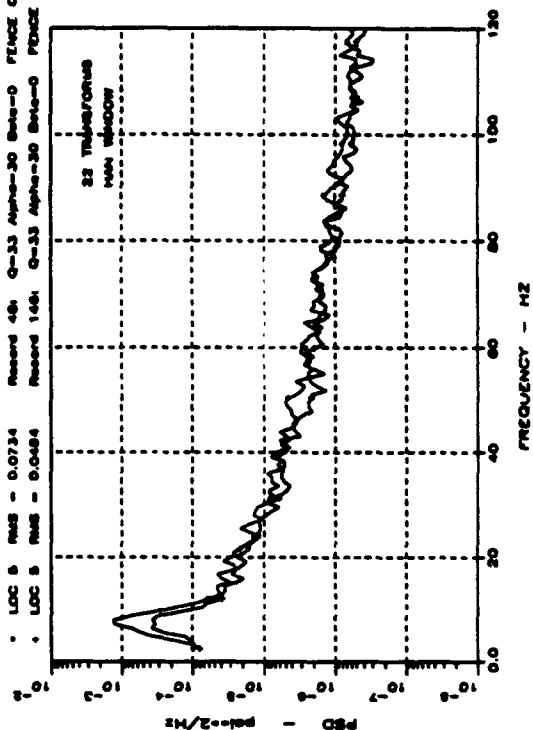
LOC 6 RMS = 0.0836 Record 48: Q-33 Alpha-30 Beta-0 FENCE OFF  
 LOC 6 RMS = 0.0836 Record 148: Q-33 Alpha-30 Beta-0 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 5 RMS = 0.0734 Record 48: Q-33 Alpha-30 Beta-0 FENCE OFF  
 LOC 5 RMS = 0.0484 Record 148: Q-33 Alpha-30 Beta-0 FENCE ON

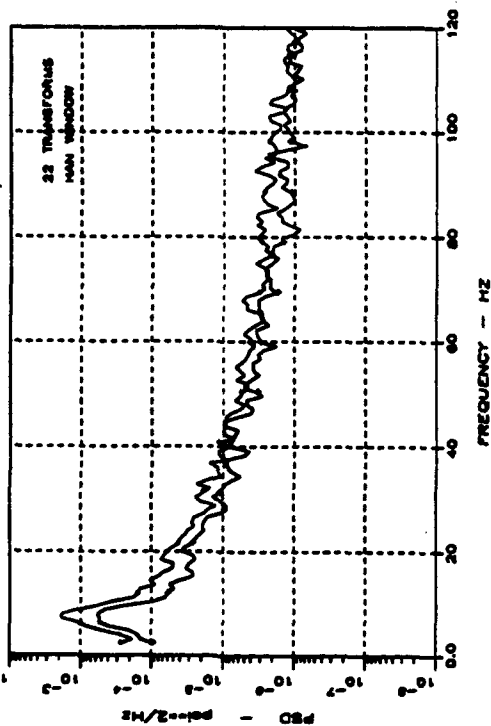


DELTA F = 0.798



# F-16 Tail Buffet Test

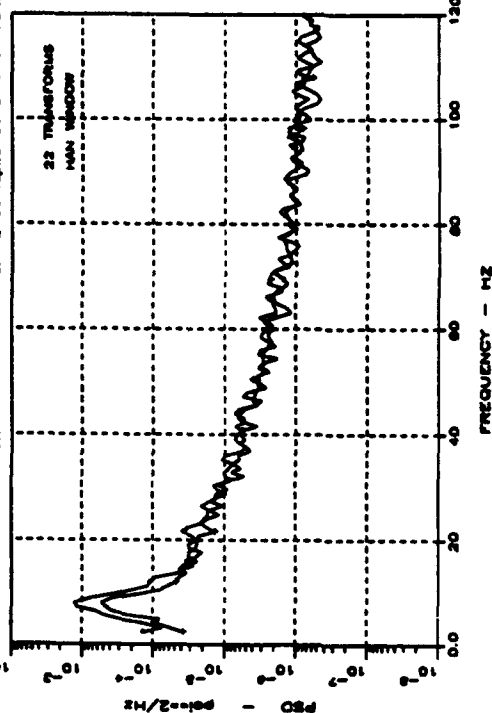
• LOC 12 RMS = 0.0936 Record 46: Q=33 Alpha=30 Beta=0 FENCE OFF  
 • LOC 12 RMS = 0.0900 Record 146: Q=33 Alpha=30 Beta=0 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

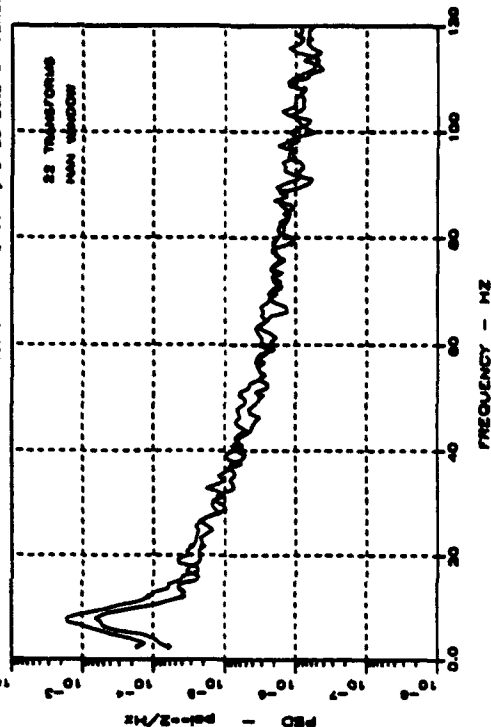
• LOC 10 RMS = 0.0732 Record 46: Q=33 Alpha=30 Beta=0 FENCE OFF  
 • LOC 10 RMS = 0.0622 Record 146: Q=33 Alpha=30 Beta=0 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

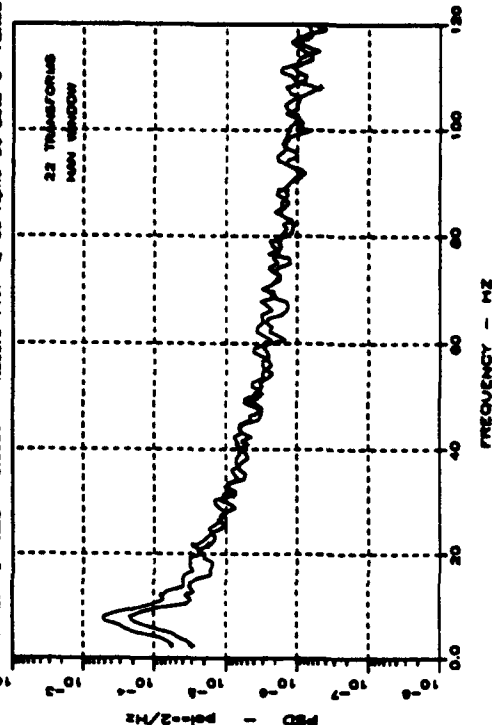
• LOC 11 RMS = 0.0841 Record 46: Q=33 Alpha=30 Beta=0 FENCE OFF  
 • LOC 11 RMS = 0.0878 Record 146: Q=33 Alpha=30 Beta=0 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

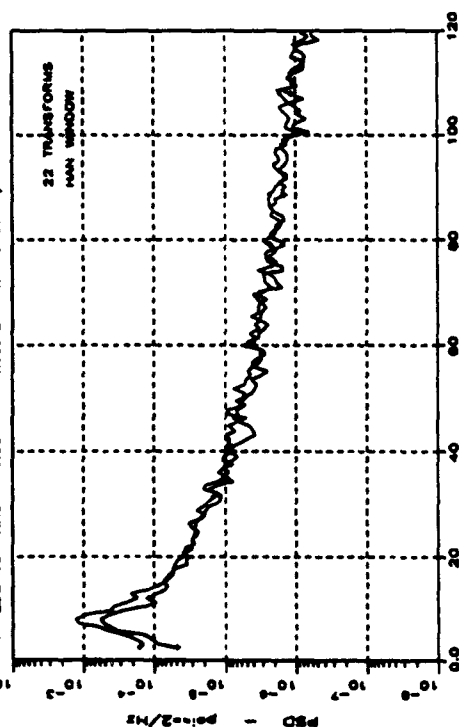
• LOC 9 RMS = 0.0838 Record 46: Q=33 Alpha=30 Beta=0 FENCE OFF  
 • LOC 9 RMS = 0.0886 Record 146: Q=33 Alpha=30 Beta=0 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 16 RMS = 0.0798 Record 48: Q-33 Alpha-30 Beta-0 FENCE OFF  
 • LOC 16 RMS = 0.0811 Record 148: Q-33 Alpha-30 Beta-0 FENCE ON

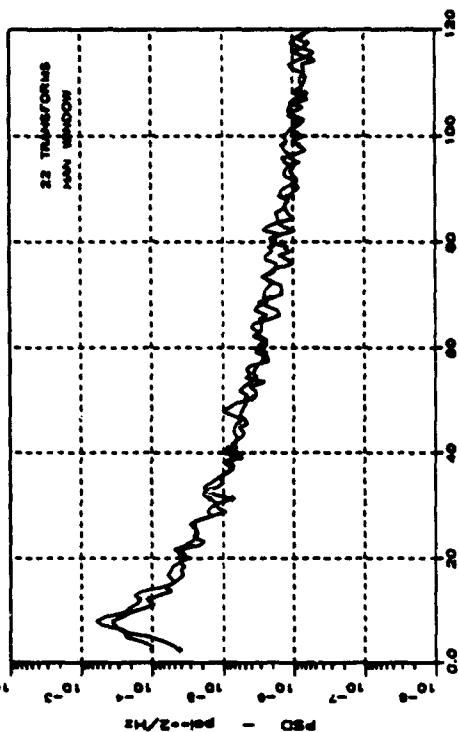


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 16 RMS = 0.0823 Record 48: Q-33 Alpha-30 Beta-0 FENCE OFF  
 • LOC 16 RMS = 0.0826 Record 148: Q-33 Alpha-30 Beta-0 FENCE ON

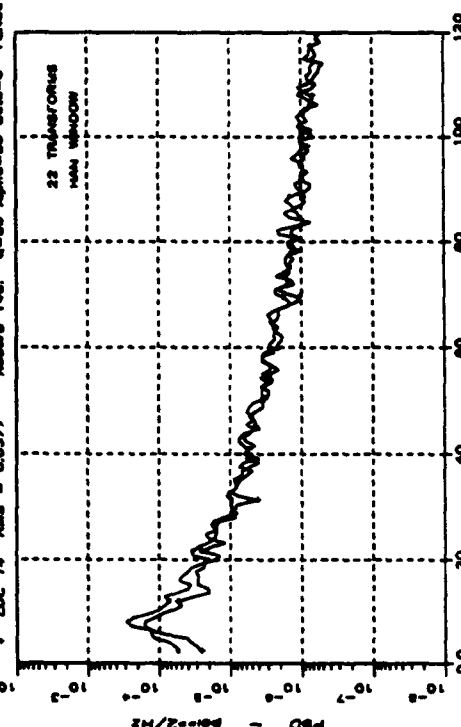


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 14 RMS = 0.0463 Record 48: Q-33 Alpha-30 Beta-0 FENCE OFF  
 • LOC 14 RMS = 0.0377 Record 148: Q-33 Alpha-30 Beta-0 FENCE ON

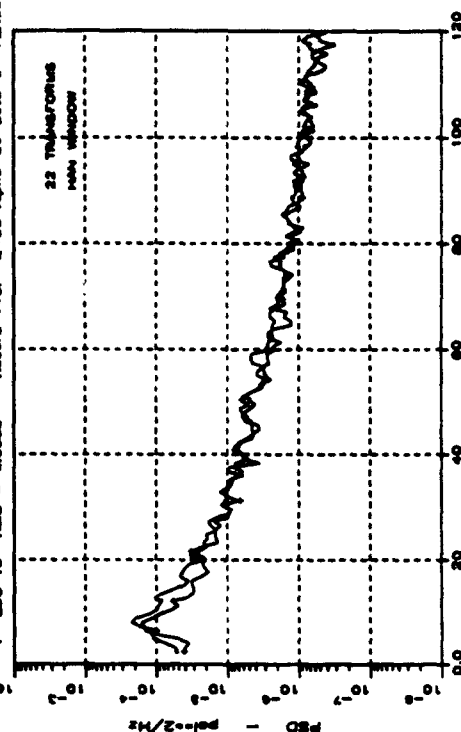


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 13 RMS = 0.0448 Record 48: Q-33 Alpha-30 Beta-0 FENCE OFF  
 • LOC 13 RMS = 0.0388 Record 148: Q-33 Alpha-30 Beta-0 FENCE ON

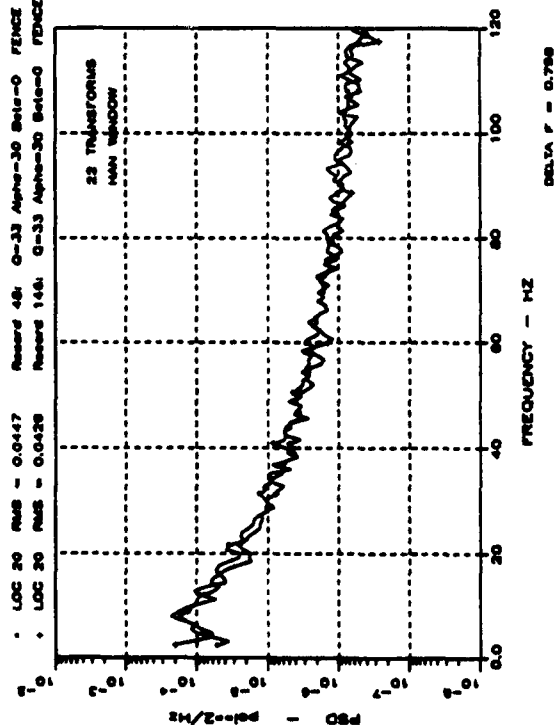


FREQUENCY - HZ

DELTA F = 0.798

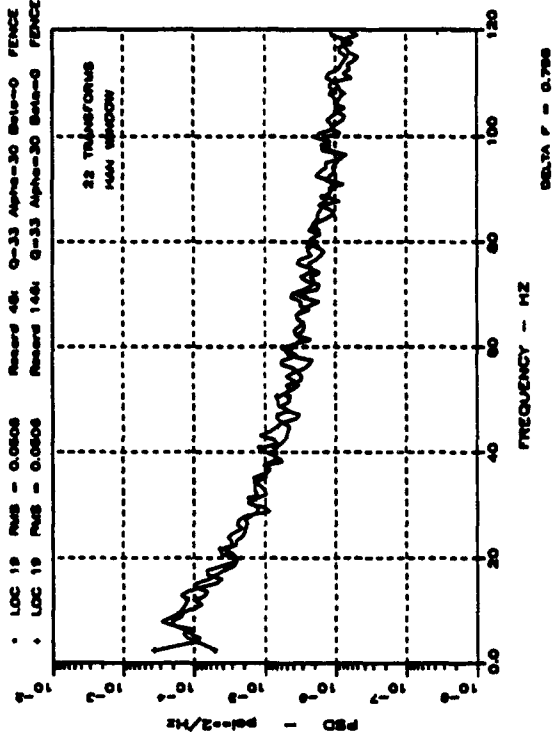
F-16 Tail Buffet Test

LOC 20 RMS = 0.0477 Record 48: Q-33 Alpha-30 Beta-0 FENCE OFF  
LOC 20 RMS = 0.0426 Record 144: Q-33 Alpha-30 Beta-0 FENCE ON



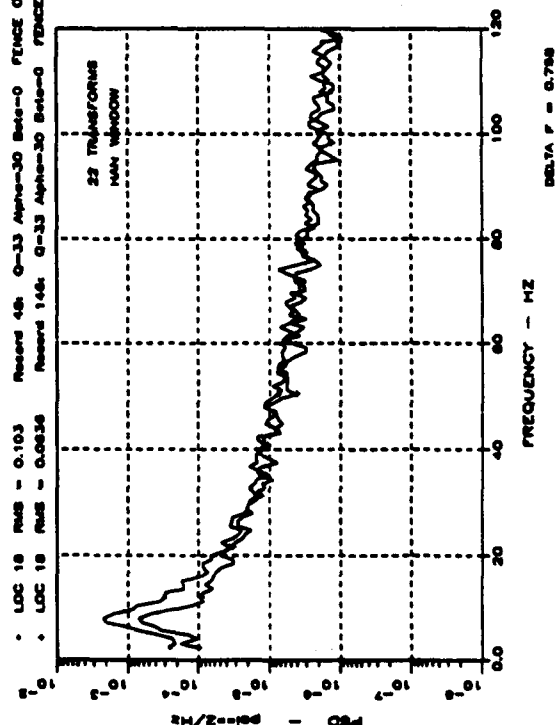
F-16 Tail Buffet Test

LOC 19 RMS = 0.0808 Record 48: Q-33 Alpha-30 Beta-0 FENCE OFF  
LOC 19 RMS = 0.0806 Record 144: Q-33 Alpha-30 Beta-0 FENCE ON



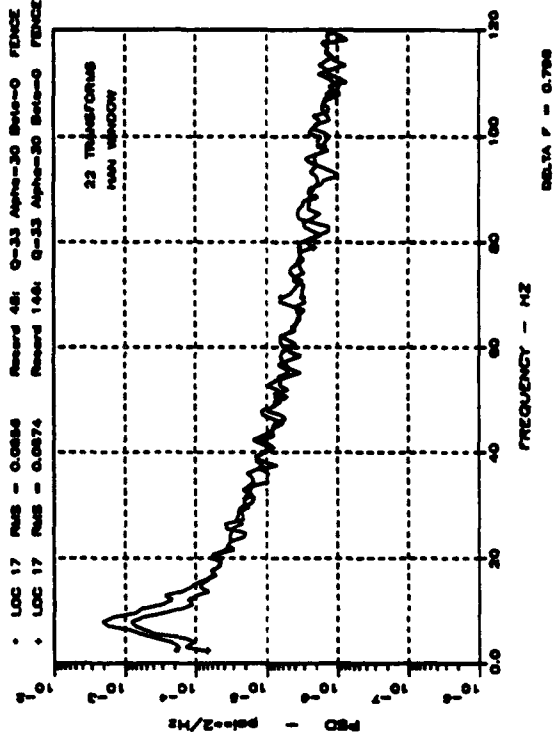
F-16 Tail Buffet Test

LOC 18 RMS = 0.103 Record 48: Q-33 Alpha-30 Beta-0 FENCE OFF  
LOC 18 RMS = 0.0836 Record 144: Q-33 Alpha-30 Beta-0 FENCE ON



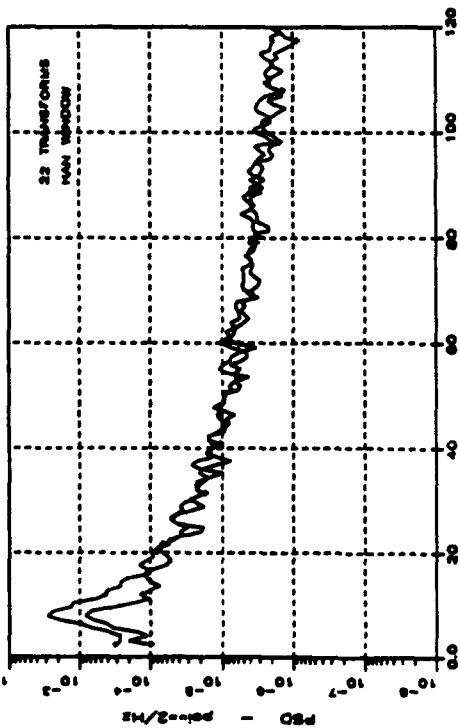
F-16 Tail Buffet Test

LOC 17 RMS = 0.0866 Record 48: Q-33 Alpha-30 Beta-0 FENCE OFF  
LOC 17 RMS = 0.0874 Record 144: Q-33 Alpha-30 Beta-0 FENCE ON



F-16 Tail Buffet Test

LOC 24 RMS = 0.115 Record 48: Q=33 Alpha=30 Beta=0 FENCE OFF  
LOC 24 RMS = 0.0711 Record 144: Q=33 Alpha=30 Beta=0 FENCE ON

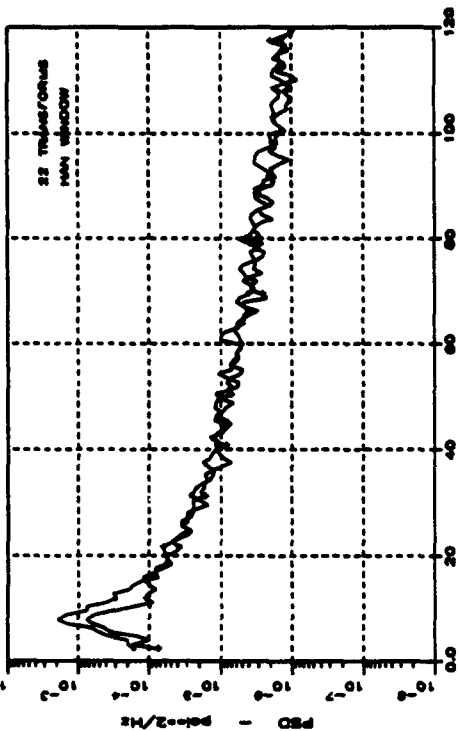


FREQUENCY - Hz

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 23 RMS = 0.0884 Record 48: Q=33 Alpha=30 Beta=0 FENCE OFF  
LOC 23 RMS = 0.0884 Record 144: Q=33 Alpha=30 Beta=0 FENCE ON

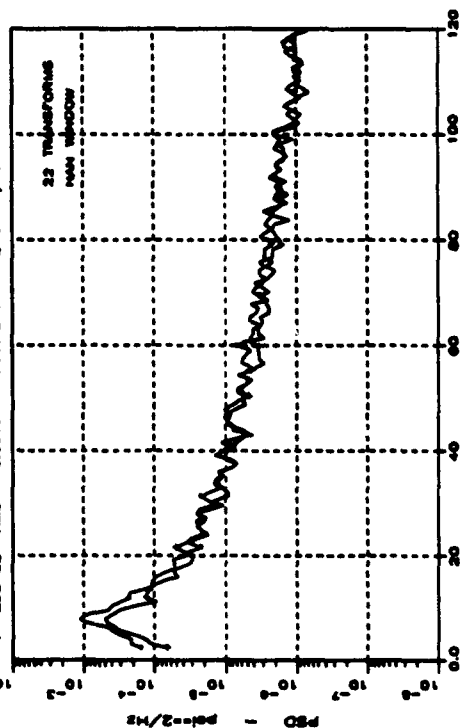


FREQUENCY - Hz

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 22 RMS = 0.0778 Record 48: Q=33 Alpha=30 Beta=0 FENCE OFF  
LOC 22 RMS = 0.0419 Record 144: Q=33 Alpha=30 Beta=0 FENCE ON

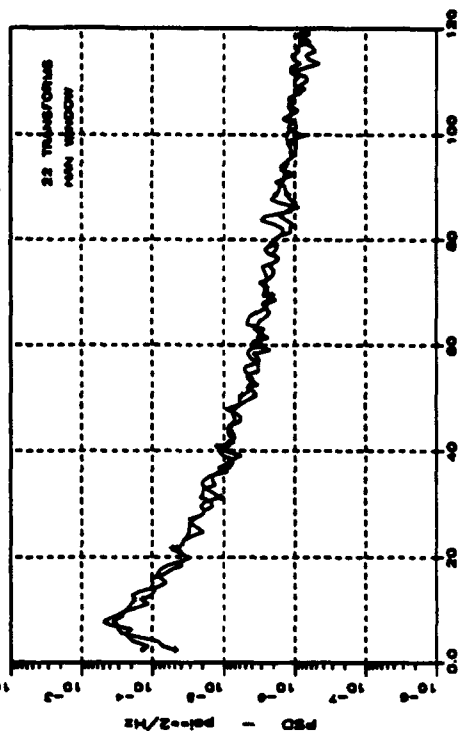


FREQUENCY - Hz

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 21 RMS = 0.0818 Record 48: Q=33 Alpha=30 Beta=0 FENCE OFF  
LOC 21 RMS = 0.0374 Record 144: Q=33 Alpha=30 Beta=0 FENCE ON

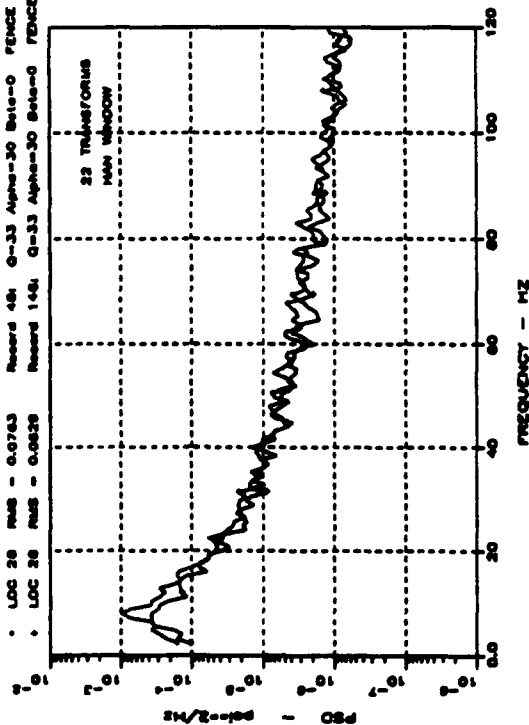


FREQUENCY - Hz

DELTA F = 0.798

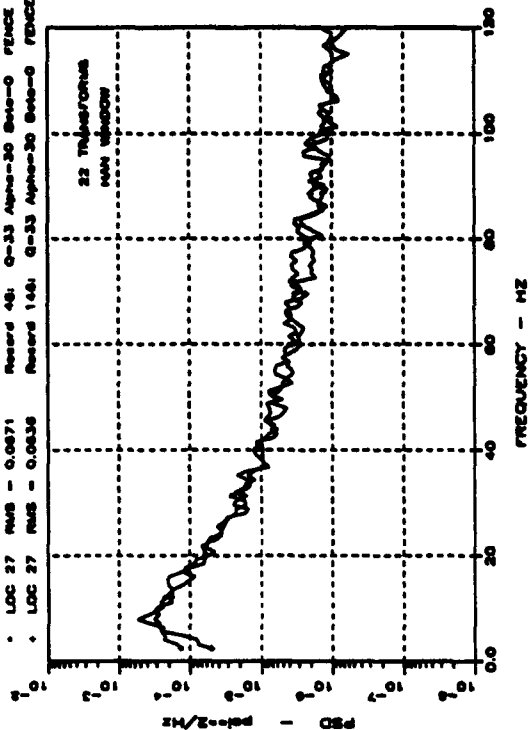
F-16 Tail Buffet Test

LOC 28 RMS = 0.0763 Record 48: Q=33 Alpha=30 Beta=0 FENCE OFF  
LOC 28 RMS = 0.0828 Record 144: Q=33 Alpha=30 Beta=0 FENCE ON



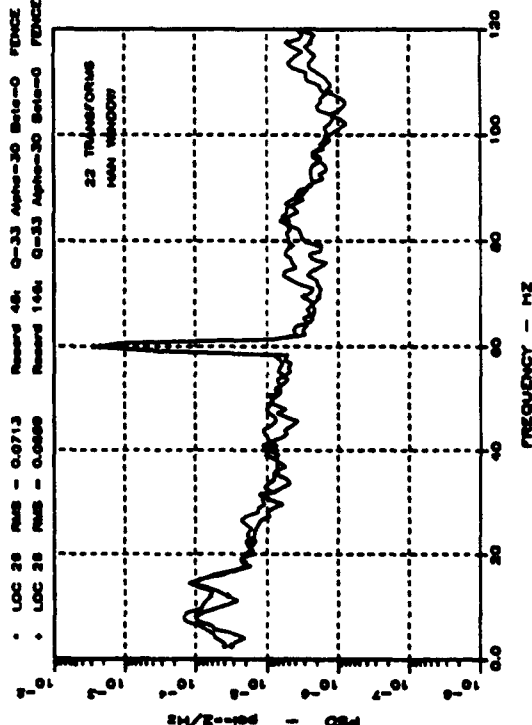
F-16 Tail Buffet Test

LOC 27 RMS = 0.0871 Record 48: Q=33 Alpha=30 Beta=0 FENCE OFF  
LOC 27 RMS = 0.0836 Record 144: Q=33 Alpha=30 Beta=0 FENCE ON



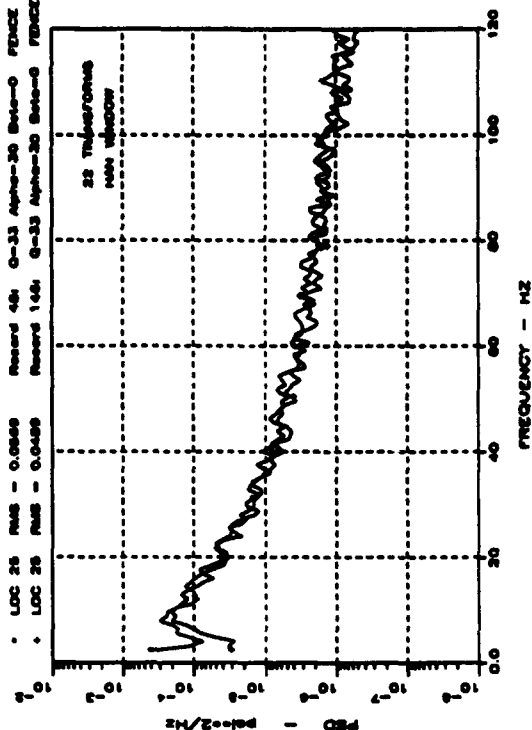
F-16 Tail Buffet Test

LOC 28 RMS = 0.0713 Record 48: Q=33 Alpha=30 Beta=0 FENCE OFF  
LOC 28 RMS = 0.0889 Record 144: Q=33 Alpha=30 Beta=0 FENCE ON



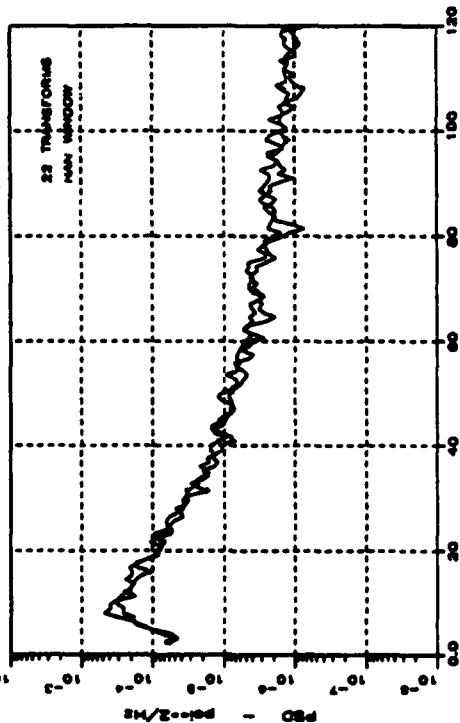
F-16 Tail Buffet Test

LOC 26 RMS = 0.0869 Record 48: Q=33 Alpha=30 Beta=0 FENCE OFF  
LOC 26 RMS = 0.0899 Record 144: Q=33 Alpha=30 Beta=0 FENCE ON



F-18 Test Buffet Test

LOC 32 RMS = 0.0066 Record 48: Q-33 Alpha-30 Beta-0 FENCE OFF  
LOC 32 RMS = 0.0066 Record 144: Q-33 Alpha-30 Beta-0 FENCE ON

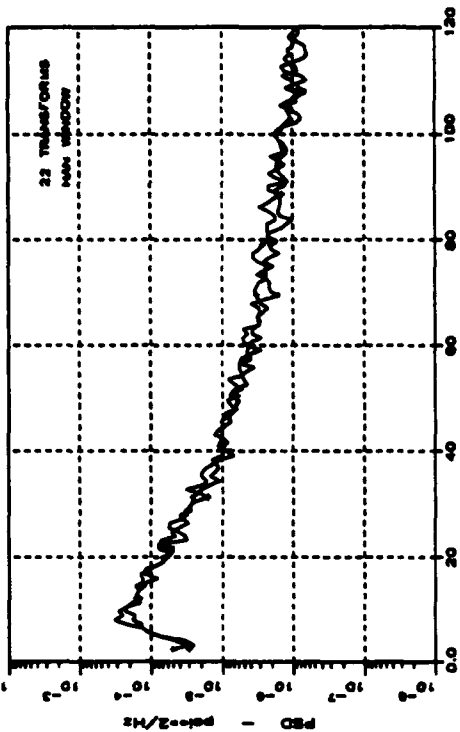


FREQUENCY - HZ

DELTA F = 0.798

F-18 Test Buffet Test

LOC 31 RMS = 0.0094 Record 48: Q-33 Alpha-30 Beta-0 FENCE OFF  
LOC 31 RMS = 0.0093 Record 144: Q-33 Alpha-30 Beta-0 FENCE ON

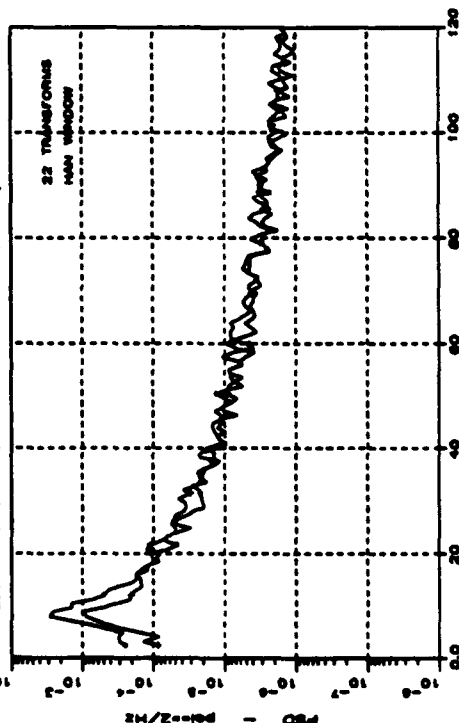


FREQUENCY - HZ

DELTA F = 0.798

F-18 Test Buffet Test

LOC 30 RMS = 0.118 Record 48: Q-33 Alpha-30 Beta-0 FENCE OFF  
LOC 30 RMS = 0.0792 Record 144: Q-33 Alpha-30 Beta-0 FENCE ON

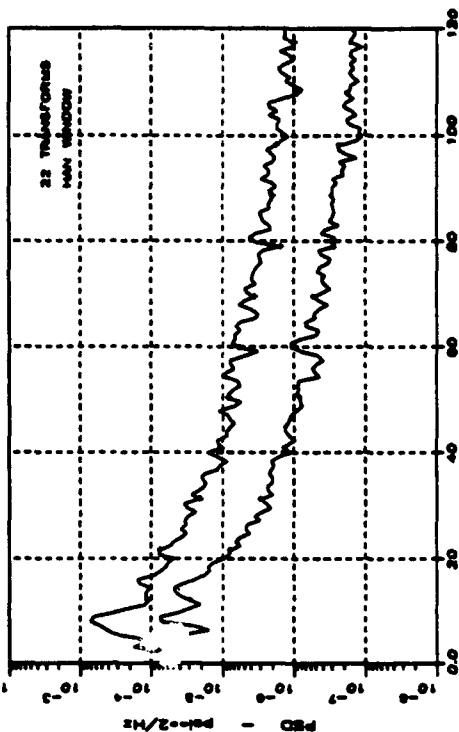


FREQUENCY - HZ

DELTA F = 0.798

F-18 Test Buffet Test

LOC 29 RMS = 0.0270 Record 48: Q-33 Alpha-30 Beta-0 FENCE OFF  
LOC 29 RMS = 0.0702 Record 144: Q-33 Alpha-30 Beta-0 FENCE ON

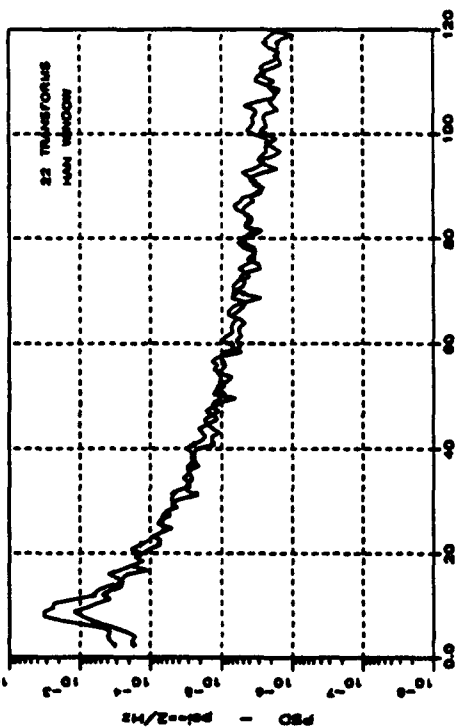


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 36 RMS = 0.133 Record 48: Q-33 Alpha-30 Beta-0 FENCE OFF  
LOC 36 RMS = 0.0043 Record 144: Q-33 Alpha-30 Beta-0 FENCE ON

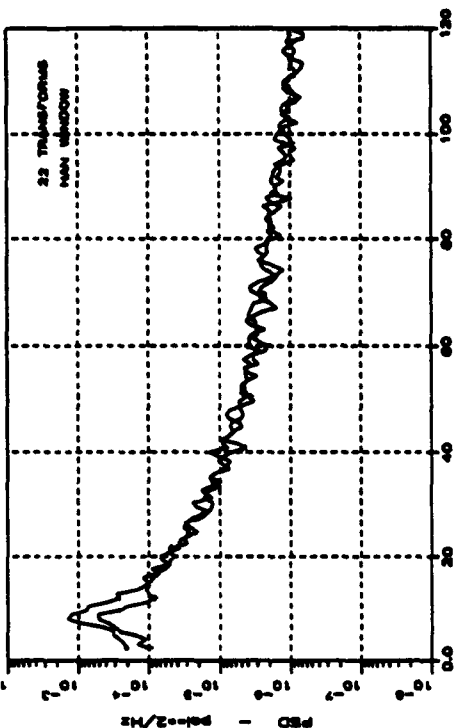


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 36 RMS = 0.0891 Record 48: Q-33 Alpha-30 Beta-0 FENCE OFF  
LOC 36 RMS = 0.0018 Record 144: Q-33 Alpha-30 Beta-0 FENCE ON

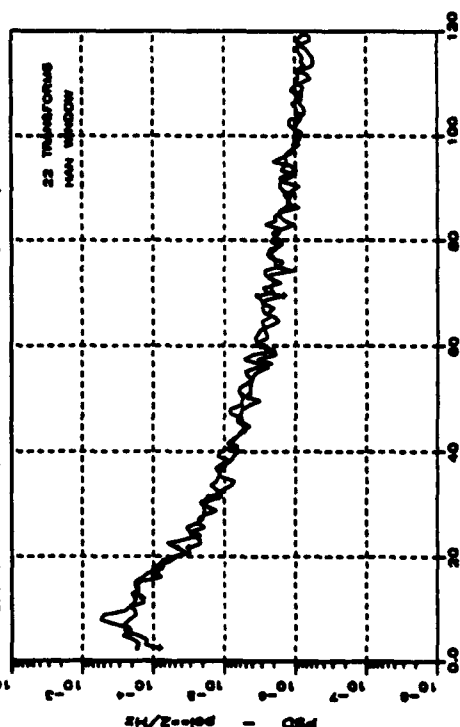


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 34 RMS = 0.0066 Record 48: Q-33 Alpha-30 Beta-0 FENCE OFF  
LOC 34 RMS = 0.0002 Record 144: Q-33 Alpha-30 Beta-0 FENCE ON

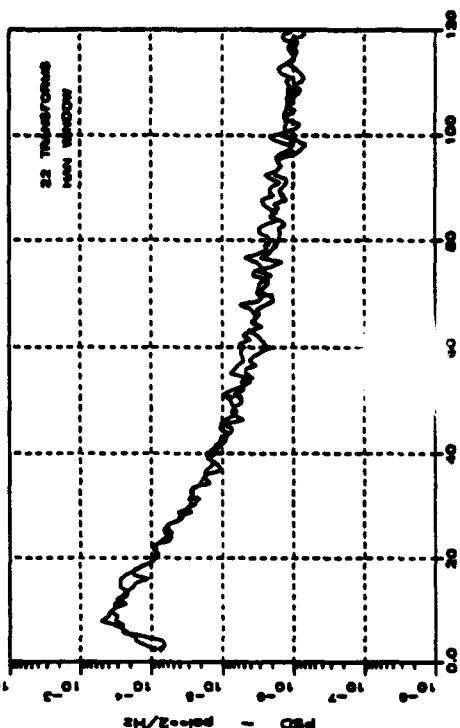


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 33 RMS = 0.0721 Record 48: Q-33 Alpha-30 Beta-0 FENCE OFF  
LOC 33 RMS = 0.0706 Record 144: Q-33 Alpha-30 Beta-0 FENCE ON



FREQUENCY - HZ

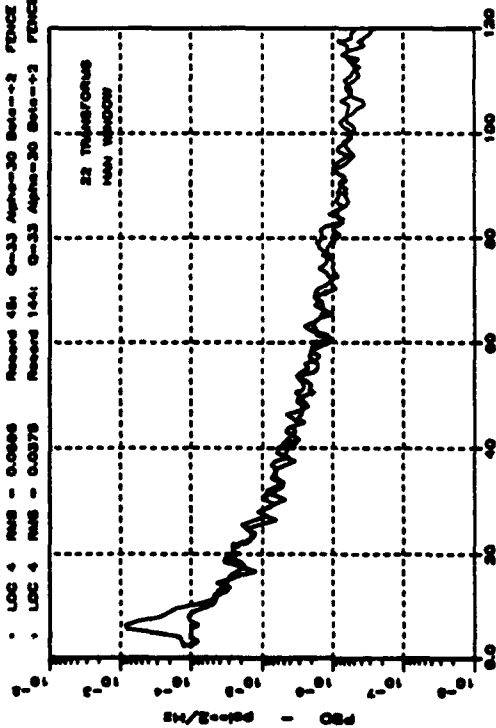
DELTA F = 0.798





# F-18 Tail Buffet Test

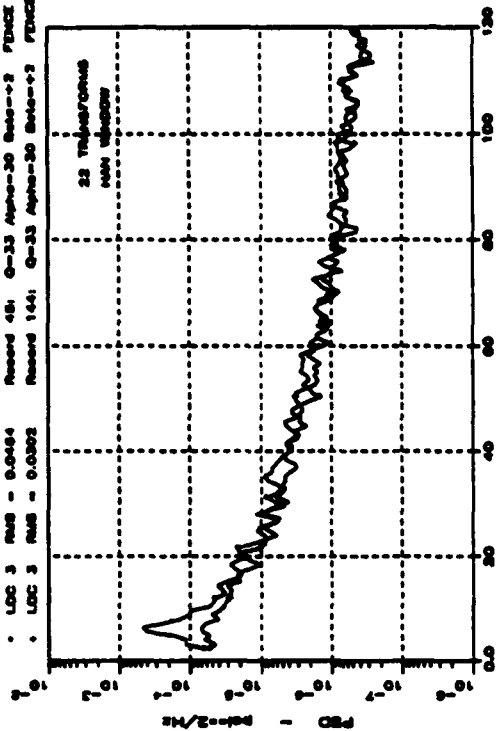
LOC 4 RMS = 0.0066 Record 45: Q-33 Alpha-30 Beta-+2 FENCE OFF  
LOC 4 RMS = 0.0379 Record 144: Q-33 Alpha-30 Beta-+2 FENCE ON



FREQUENCY - HZ  
DELTA P = 0.700

# F-18 Tail Buffet Test

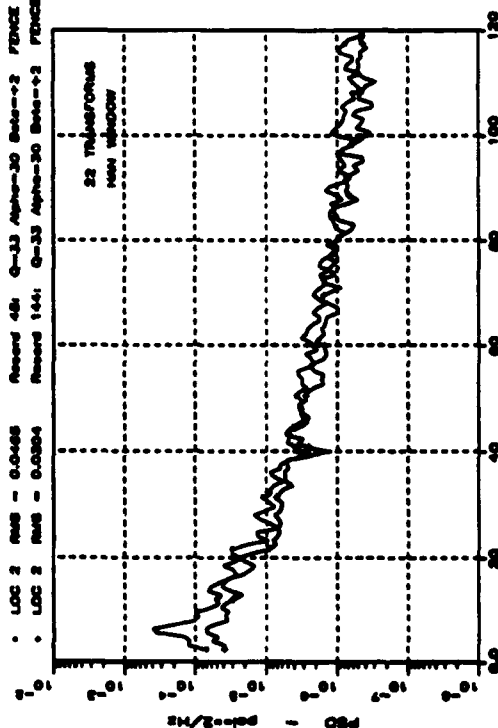
LOC 3 RMS = 0.0464 Record 45: Q-33 Alpha-30 Beta-+2 FENCE OFF  
LOC 3 RMS = 0.0302 Record 144: Q-33 Alpha-30 Beta-+2 FENCE ON



FREQUENCY - HZ  
DELTA P = 0.700

# F-18 Tail Buffet Test

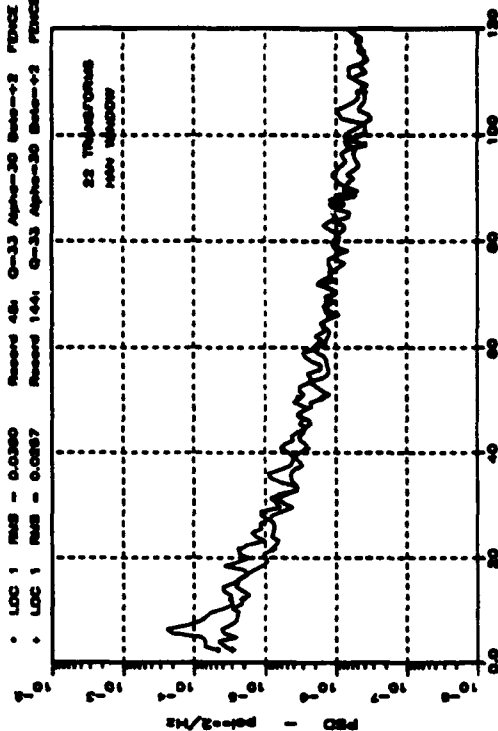
LOC 2 RMS = 0.0466 Record 45: Q-33 Alpha-30 Beta-+2 FENCE OFF  
LOC 2 RMS = 0.0304 Record 144: Q-33 Alpha-30 Beta-+2 FENCE ON



FREQUENCY - HZ  
DELTA P = 0.700

# F-18 Tail Buffet Test

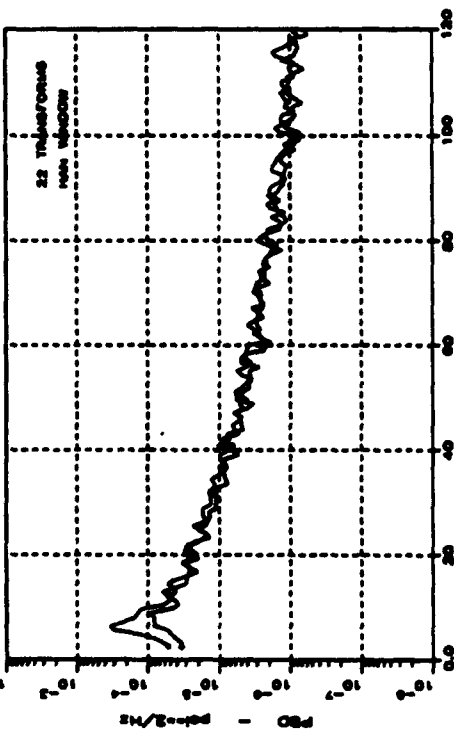
LOC 1 RMS = 0.0300 Record 45: Q-33 Alpha-30 Beta-+2 FENCE OFF  
LOC 1 RMS = 0.0307 Record 144: Q-33 Alpha-30 Beta-+2 FENCE ON



FREQUENCY - HZ  
DELTA P = 0.700

F-10 Tail Buffet Test

• LOC 6 RMS = 0.0005 Received 46: Q-33 Alpha-30 Beta-+2 FENCE OFF  
• LOC 6 RMS = 0.0003 Received 144: Q-33 Alpha-30 Beta-+2 FENCE ON

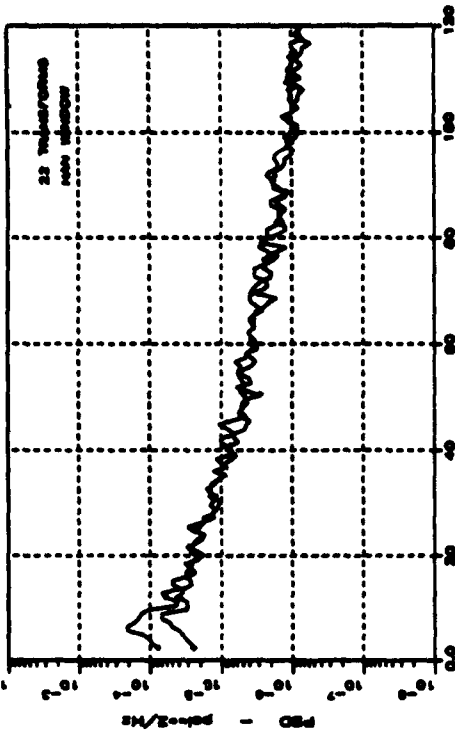


FREQUENCY - HZ

DELTA F = 0.7500

F-10 Tail Buffet Test

• LOC 7 RMS = 0.0453 Received 46: Q-33 Alpha-30 Beta-+2 FENCE OFF  
• LOC 7 RMS = 0.0337 Received 144: Q-33 Alpha-30 Beta-+2 FENCE ON

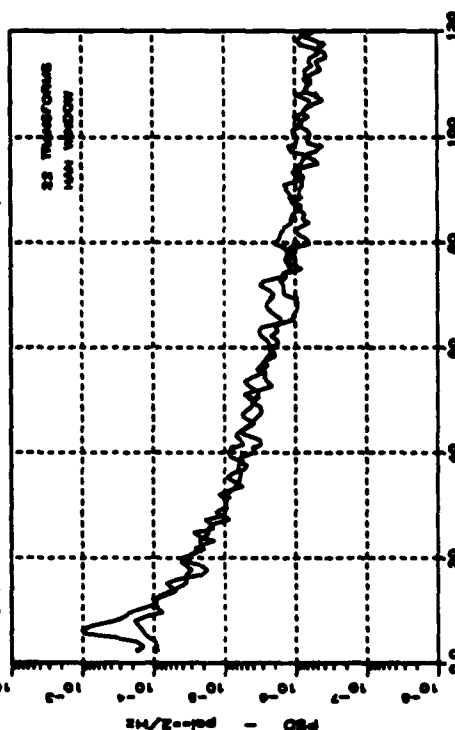


FREQUENCY - HZ

DELTA F = 0.7500

F-10 Tail Buffet Test

• LOC 6 RMS = 0.0072 Received 46: Q-33 Alpha-30 Beta-+2 FENCE OFF  
• LOC 6 RMS = 0.0035 Received 144: Q-33 Alpha-30 Beta-+2 FENCE ON

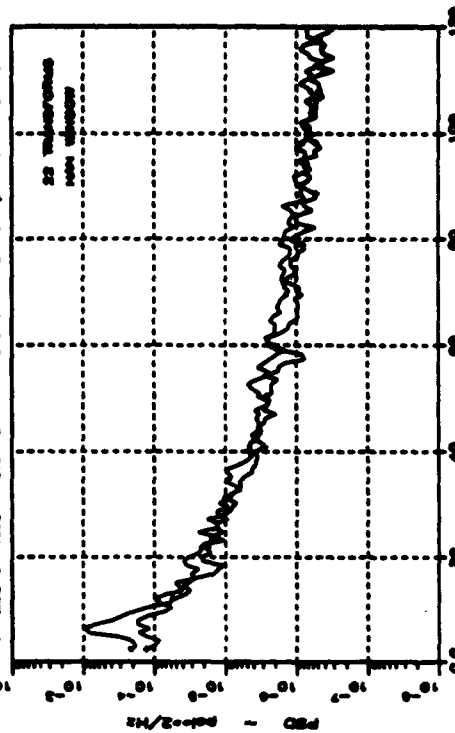


FREQUENCY - HZ

DELTA F = 0.7500

F-10 Tail Buffet Test

• LOC 6 RMS = 0.0082 Received 46: Q-33 Alpha-30 Beta-+2 FENCE OFF  
• LOC 6 RMS = 0.0410 Received 144: Q-33 Alpha-30 Beta-+2 FENCE ON

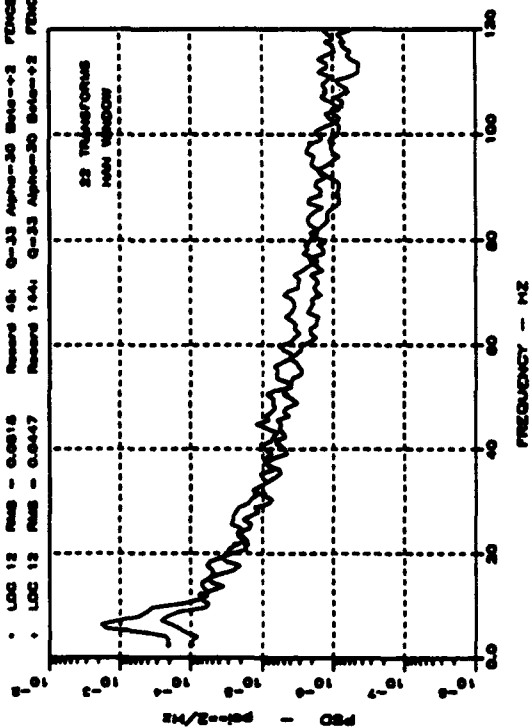


FREQUENCY - HZ

DELTA F = 0.7500

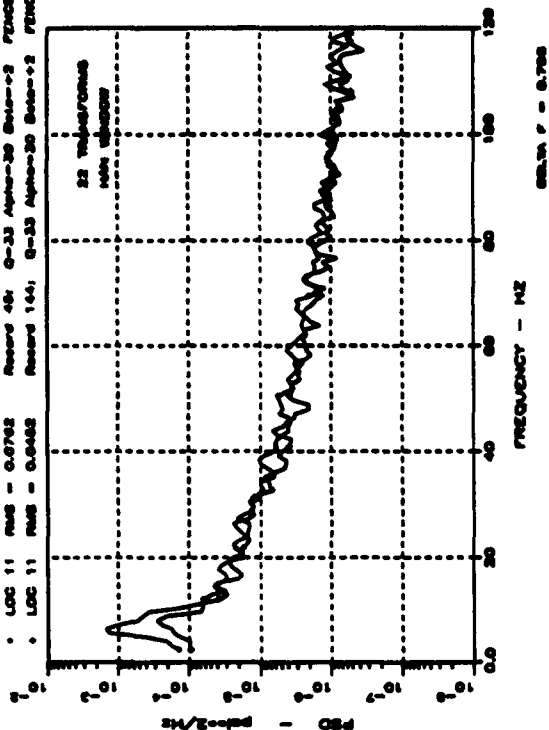
F-16 Tail Buffet Test

• LOC 12 RMS = 0.0016 Record 45: Q-33 Alpha-30 Beta-+2 FENCE OFF  
• LOC 12 RMS = 0.0447 Record 144: Q-33 Alpha-30 Beta-+2 FENCE ON



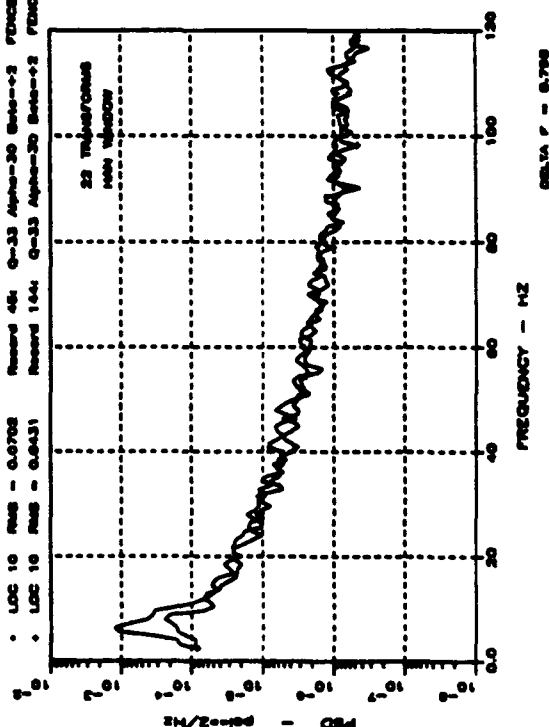
F-16 Tail Buffet Test

• LOC 11 RMS = 0.0762 Record 45: Q-33 Alpha-30 Beta-+2 FENCE OFF  
• LOC 11 RMS = 0.0402 Record 144: Q-33 Alpha-30 Beta-+2 FENCE ON



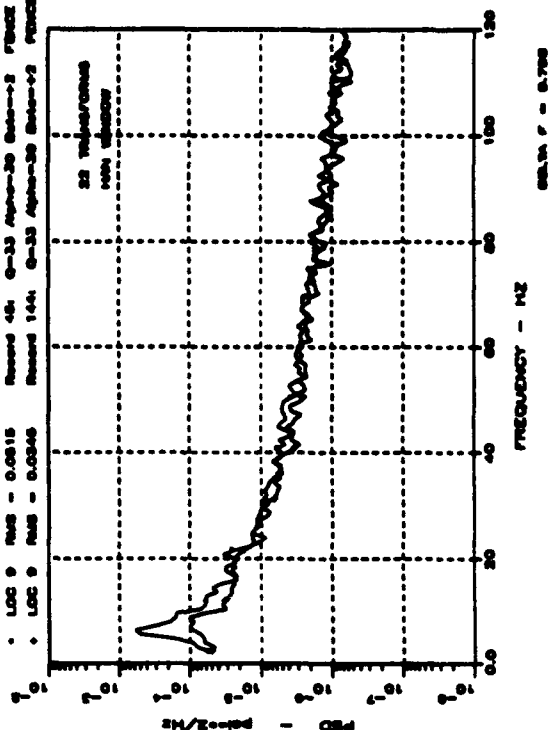
F-16 Tail Buffet Test

• LOC 10 RMS = 0.0702 Record 45: Q-33 Alpha-30 Beta-+2 FENCE OFF  
• LOC 10 RMS = 0.0431 Record 144: Q-33 Alpha-30 Beta-+2 FENCE ON



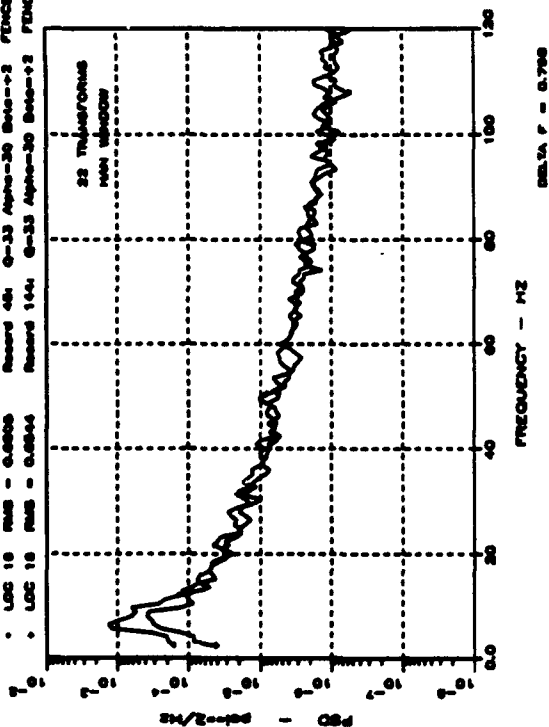
F-16 Tail Buffet Test

• LOC 9 RMS = 0.0815 Record 45: Q-33 Alpha-30 Beta-+2 FENCE OFF  
• LOC 9 RMS = 0.0346 Record 144: Q-33 Alpha-30 Beta-+2 FENCE ON



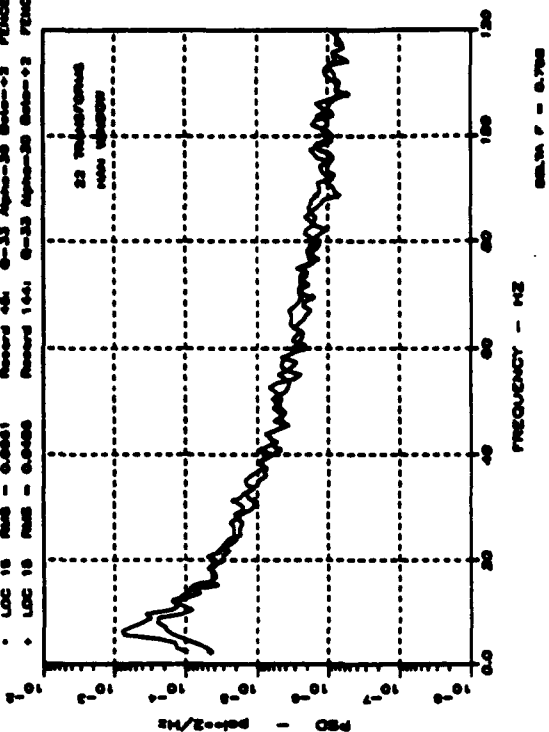
F-18 Test Buffet Test

• LOC 18 RMS = 0.0000 Record 46: Q-33 Alpha-30 Beta-2 FENCE OFF  
 • LOC 18 RMS = 0.0044 Record 144: Q-33 Alpha-30 Beta-2 FENCE ON



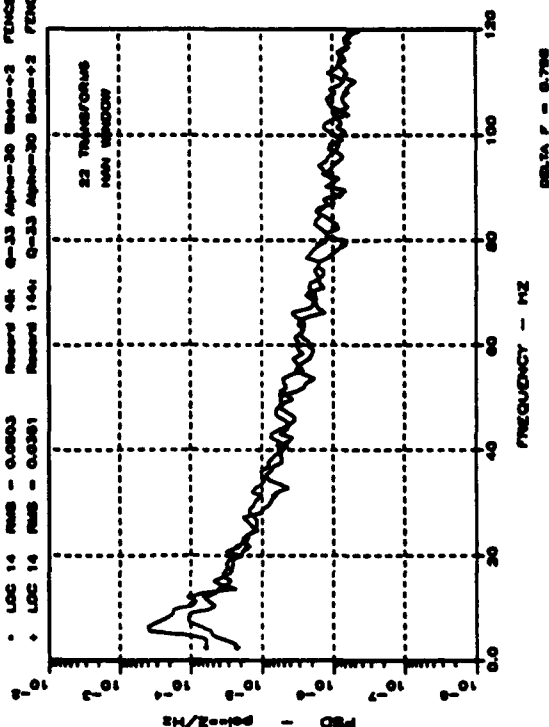
F-18 Test Buffet Test

• LOC 18 RMS = 0.0061 Record 46: Q-33 Alpha-30 Beta-2 FENCE OFF  
 • LOC 18 RMS = 0.0088 Record 144: Q-33 Alpha-30 Beta-2 FENCE ON



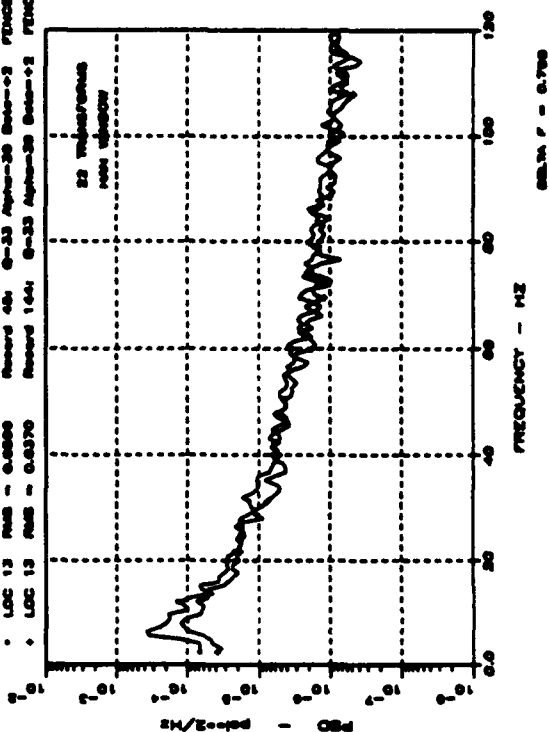
F-18 Test Buffet Test

• LOC 14 RMS = 0.0003 Record 46: Q-33 Alpha-30 Beta-2 FENCE OFF  
 • LOC 14 RMS = 0.0301 Record 144: Q-33 Alpha-30 Beta-2 FENCE ON



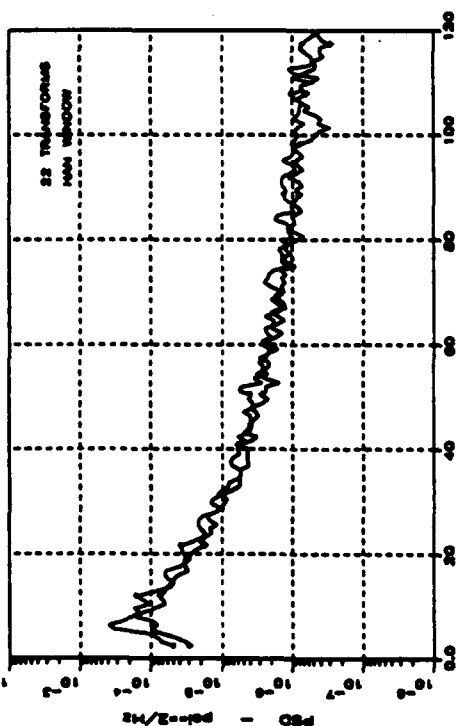
F-18 Test Buffet Test

• LOC 13 RMS = 0.0000 Record 46: Q-33 Alpha-30 Beta-2 FENCE OFF  
 • LOC 13 RMS = 0.0370 Record 144: Q-33 Alpha-30 Beta-2 FENCE ON



F-18 Tail Buffet Test

LOC 20 RMS = 0.0006 Record 46: Q-33 Alpha-30 Beta=+2 FENCE OFF  
LOC 20 RMS = 0.0308 Record 144: Q-33 Alpha-30 Beta=+2 FENCE ON

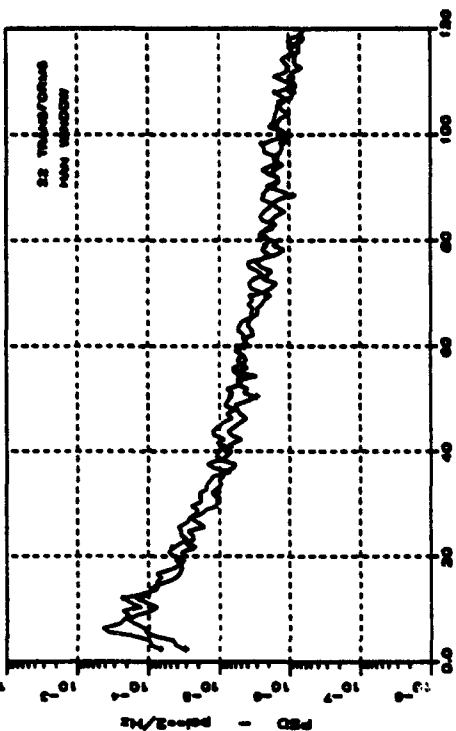


FREQUENCY - HZ

SELVA F = 0.700

F-18 Tail Buffet Test

LOC 19 RMS = 0.0000 Record 46: Q-33 Alpha-30 Beta=+2 FENCE OFF  
LOC 19 RMS = 0.0400 Record 144: Q-33 Alpha-30 Beta=+2 FENCE ON

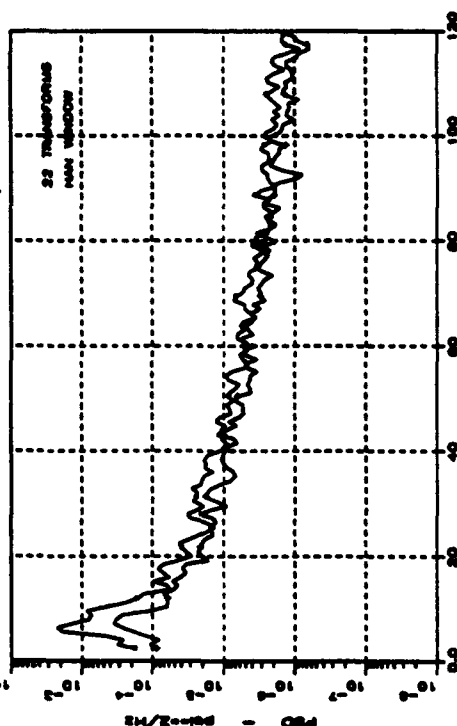


FREQUENCY - HZ

SELVA F = 0.700

F-18 Tail Buffet Test

LOC 18 RMS = 0.0006 Record 46: Q-33 Alpha-30 Beta=+2 FENCE OFF  
LOC 18 RMS = 0.0004 Record 144: Q-33 Alpha-30 Beta=+2 FENCE ON

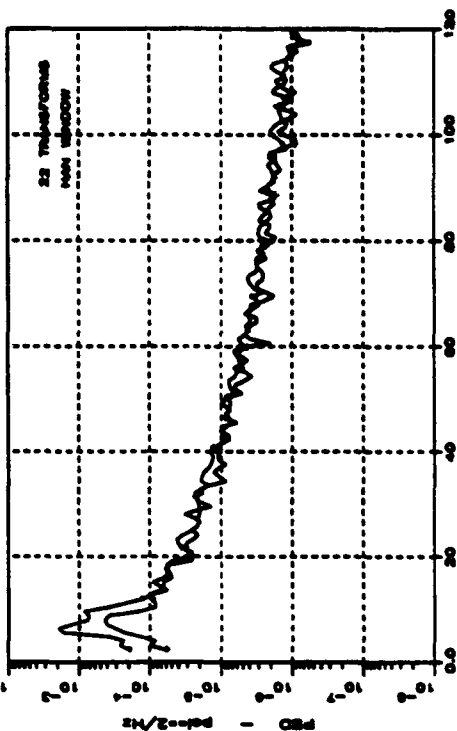


FREQUENCY - HZ

SELVA F = 0.700

F-18 Tail Buffet Test

LOC 17 RMS = 0.0016 Record 46: Q-33 Alpha-30 Beta=+2 FENCE OFF  
LOC 17 RMS = 0.0081 Record 144: Q-33 Alpha-30 Beta=+2 FENCE ON

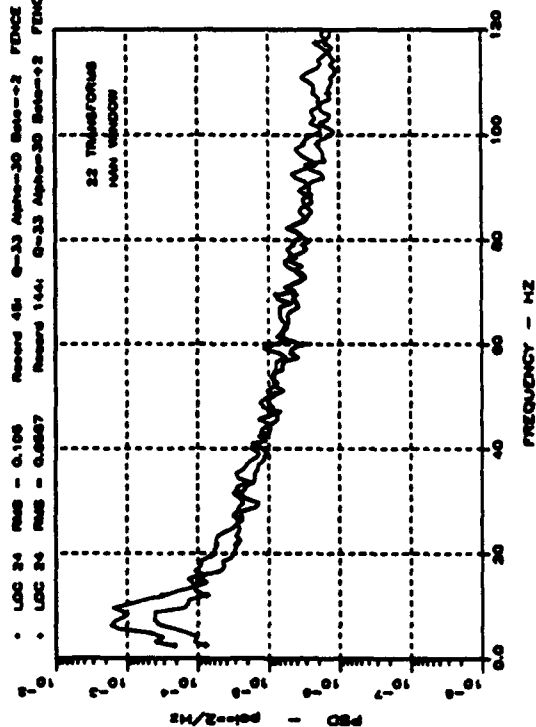


FREQUENCY - HZ

SELVA F = 0.700

# F-16 Tail Buffet Test

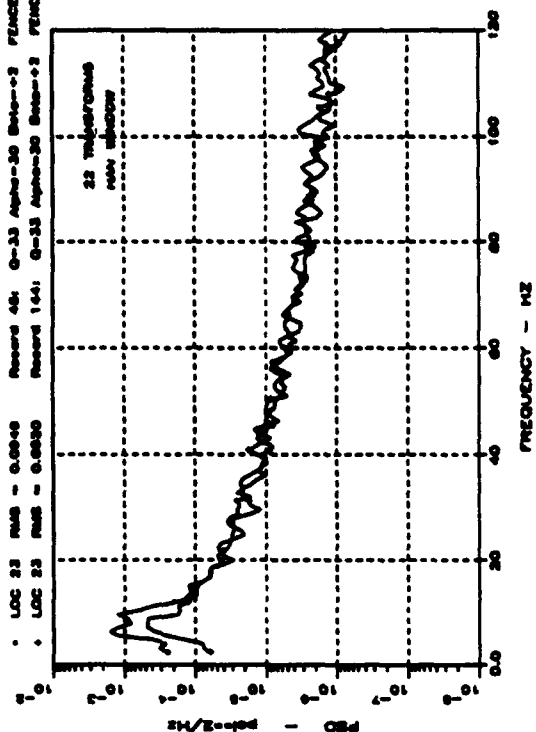
LOC 24 RMS = 0.106 Record 46: Q-33 Alpha-30 Beta-2 FENCE OFF  
LOC 24 RMS = 0.0867 Record 144: Q-33 Alpha-30 Beta-2 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

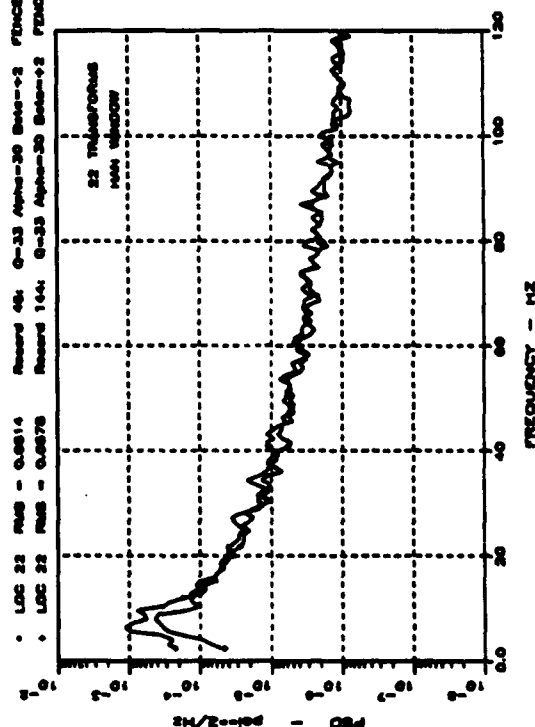
LOC 23 RMS = 0.0946 Record 46: Q-33 Alpha-30 Beta-2 FENCE OFF  
LOC 23 RMS = 0.0830 Record 144: Q-33 Alpha-30 Beta-2 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

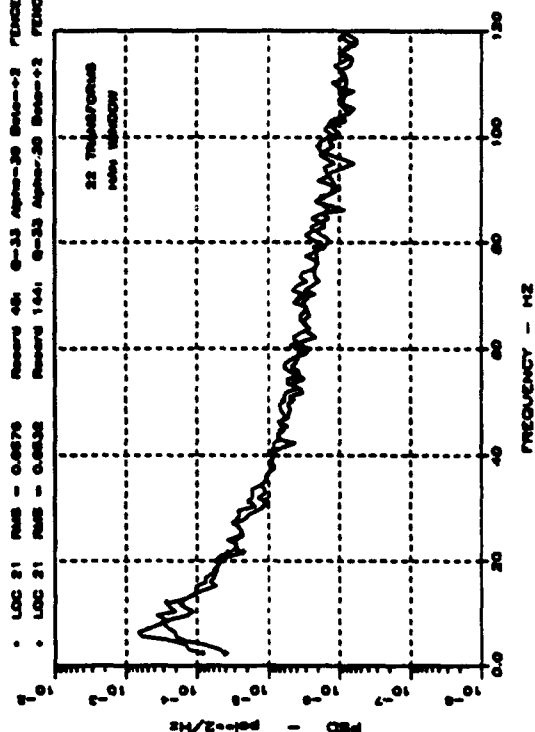
LOC 22 RMS = 0.0814 Record 46: Q-33 Alpha-30 Beta-2 FENCE OFF  
LOC 22 RMS = 0.0676 Record 144: Q-33 Alpha-30 Beta-2 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

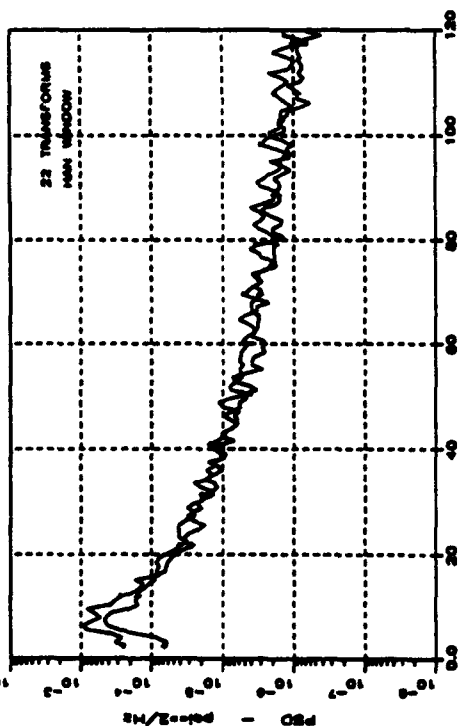
LOC 21 RMS = 0.0876 Record 46: Q-33 Alpha-30 Beta-2 FENCE OFF  
LOC 21 RMS = 0.0832 Record 144: Q-33 Alpha-30 Beta-2 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

• LOC 26 RMS = 0.0036 Record 46: Q-33 Alpha-30 Beta-+2 FENCE OFF  
 • LOC 26 RMS = 0.0013 Record 144: Q-33 Alpha-30 Beta-+2 FENCE ON

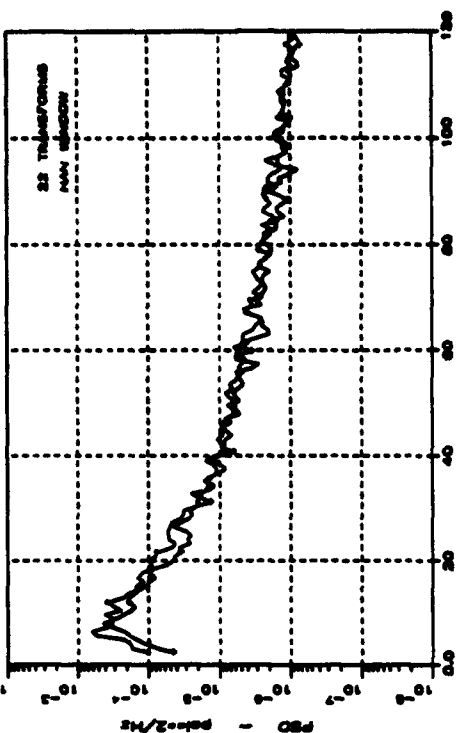


FREQUENCY - HZ

DELTA P = 0.700

# F-18 Tail Buffet Test

• LOC 27 RMS = 0.0734 Record 46: Q-33 Alpha-30 Beta-+2 FENCE OFF  
 • LOC 27 RMS = 0.0009 Record 144: Q-33 Alpha-30 Beta-+2 FENCE ON

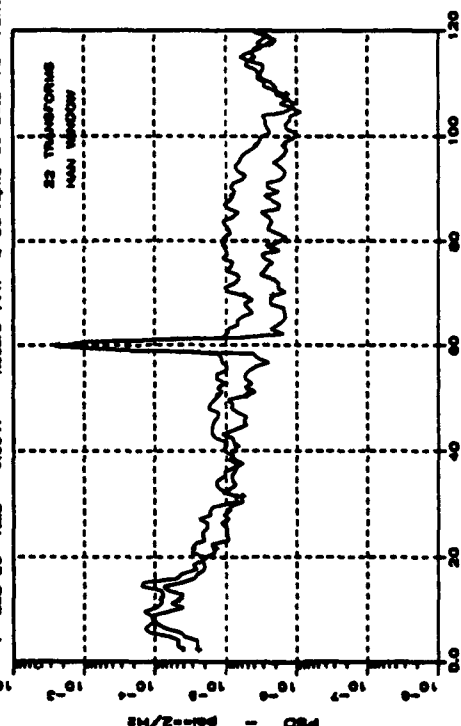


FREQUENCY - HZ

DELTA P = 0.700

# F-18 Tail Buffet Test

• LOC 26 RMS = 0.0730 Record 46: Q-33 Alpha-30 Beta-+2 FENCE OFF  
 • LOC 26 RMS = 0.0047 Record 144: Q-33 Alpha-30 Beta-+2 FENCE ON

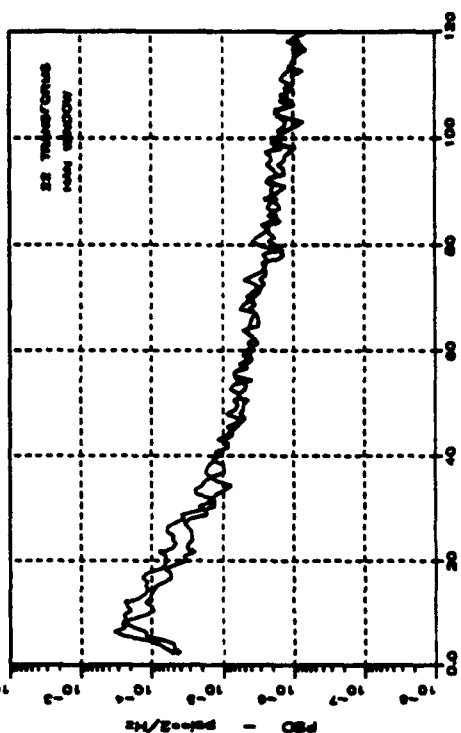


FREQUENCY - HZ

DELTA P = 0.700

# F-18 Tail Buffet Test

• LOC 26 RMS = 0.0010 Record 46: Q-33 Alpha-30 Beta-+2 FENCE OFF  
 • LOC 26 RMS = 0.0003 Record 144: Q-33 Alpha-30 Beta-+2 FENCE ON

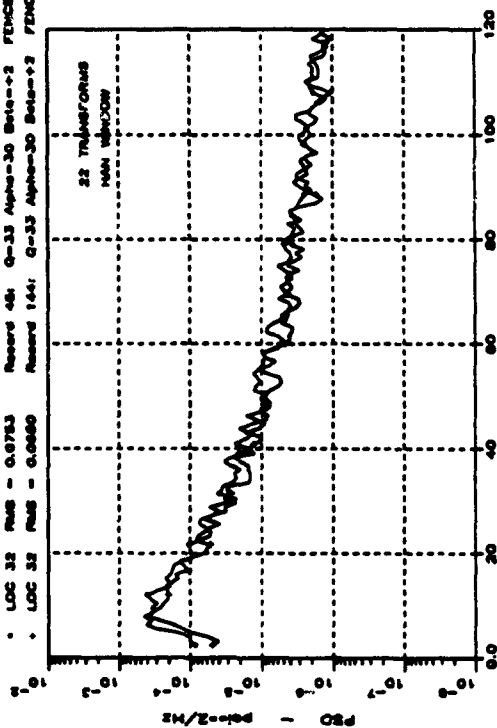


FREQUENCY - HZ

DELTA P = 0.700

# F-18 Tail Buffet Test

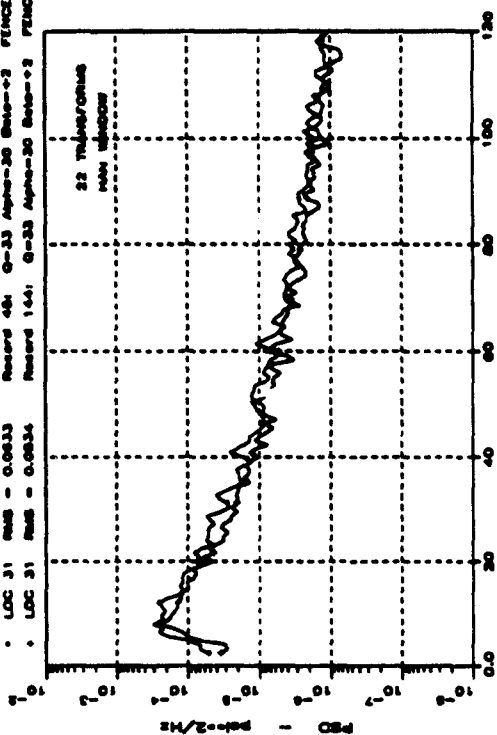
• LOC 32 RMS = 0.0753 Record 48: Q=33 Alpha=30 Beta=+2 FENCE OFF  
 • LOC 32 RMS = 0.0690 Record 144: Q=33 Alpha=30 Beta=+2 FENCE ON



DELTA F = 0.798  
 FREQUENCY - HZ

# F-18 Tail Buffet Test

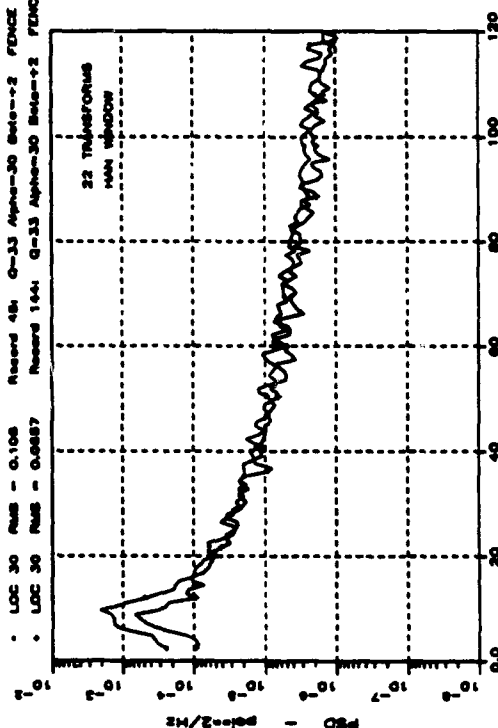
• LOC 31 RMS = 0.0833 Record 48: Q=33 Alpha=30 Beta=+2 FENCE OFF  
 • LOC 31 RMS = 0.0834 Record 144: Q=33 Alpha=30 Beta=+2 FENCE ON



DELTA F = 0.798  
 FREQUENCY - HZ

# F-18 Tail Buffet Test

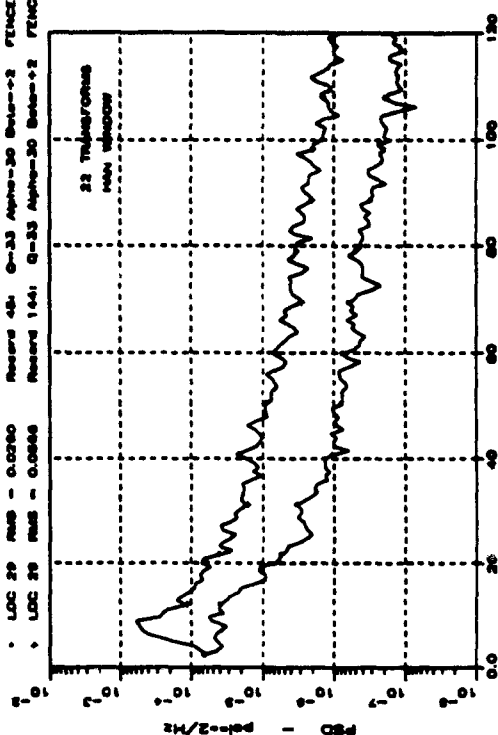
• LOC 30 RMS = 0.105 Record 48: Q=33 Alpha=30 Beta=+2 FENCE OFF  
 • LOC 30 RMS = 0.0887 Record 144: Q=33 Alpha=30 Beta=+2 FENCE ON



DELTA F = 0.798  
 FREQUENCY - HZ

# F-18 Tail Buffet Test

• LOC 29 RMS = 0.0990 Record 48: Q=33 Alpha=30 Beta=+2 FENCE OFF  
 • LOC 29 RMS = 0.0866 Record 144: Q=33 Alpha=30 Beta=+2 FENCE ON

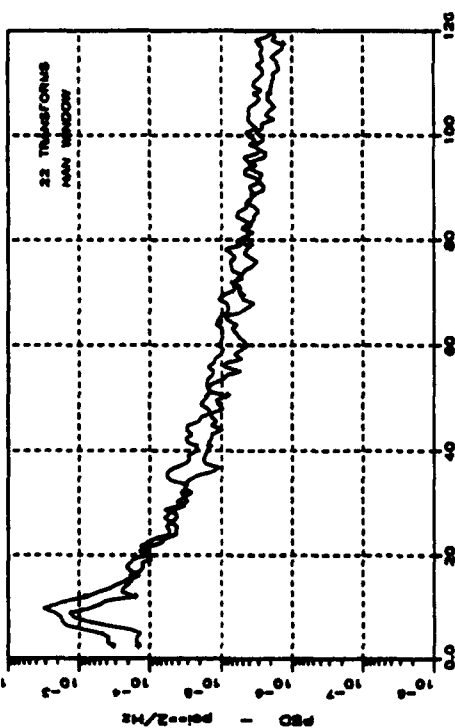


DELTA F = 0.798  
 FREQUENCY - HZ



# F-18 Tail Buffet Test

• LOC 36 RMS = 0.132 Record 46: Q-33 Alpha-30 Beta-+2 FENCE OFF  
• LOC 36 RMS = 0.0874 Record 144: Q-33 Alpha-30 Beta-+2 FENCE ON

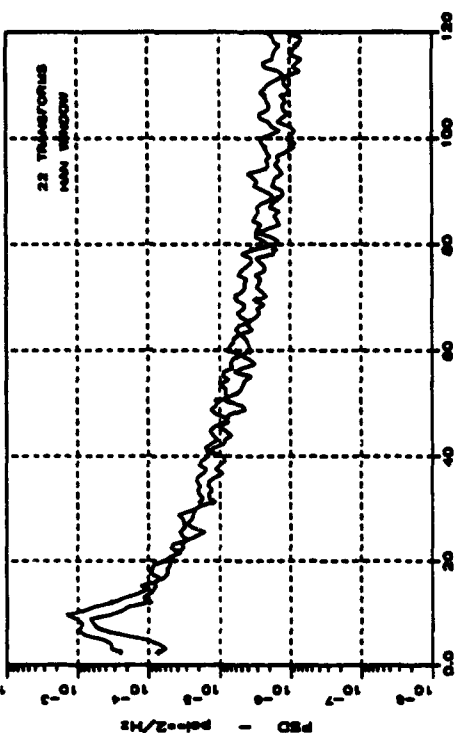


FREQUENCY - HZ

DELTA P = 0.798

# F-18 Tail Buffet Test

• LOC 36 RMS = 0.0948 Record 46: Q-33 Alpha-30 Beta-+2 FENCE OFF  
• LOC 36 RMS = 0.0840 Record 144: Q-33 Alpha-30 Beta-+2 FENCE ON

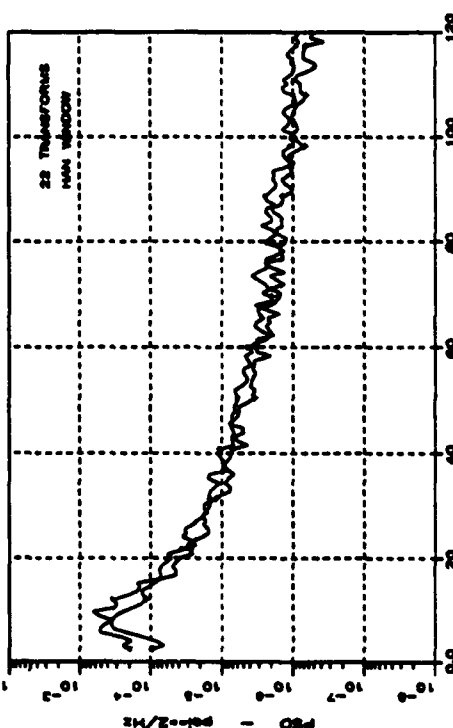


FREQUENCY - HZ

DELTA P = 0.798

# F-18 Tail Buffet Test

• LOC 34 RMS = 0.0736 Record 46: Q-33 Alpha-30 Beta-+2 FENCE OFF  
• LOC 34 RMS = 0.0688 Record 144: Q-33 Alpha-30 Beta-+2 FENCE ON

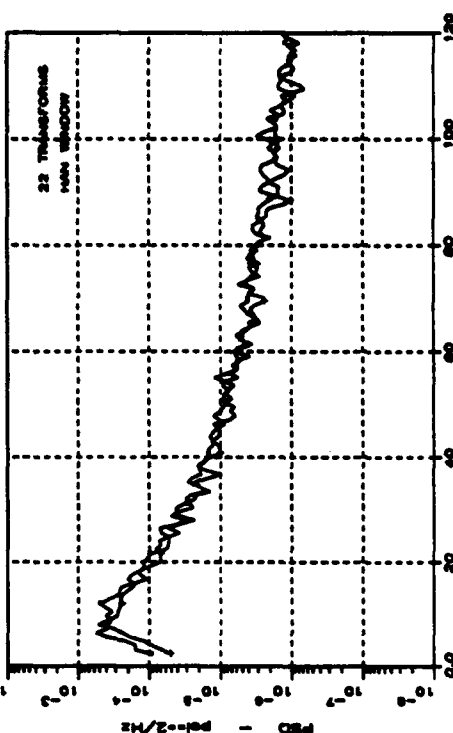


FREQUENCY - HZ

DELTA P = 0.798

# F-18 Tail Buffet Test

• LOC 33 RMS = 0.0792 Record 46: Q-33 Alpha-30 Beta-+2 FENCE OFF  
• LOC 33 RMS = 0.0688 Record 144: Q-33 Alpha-30 Beta-+2 FENCE ON



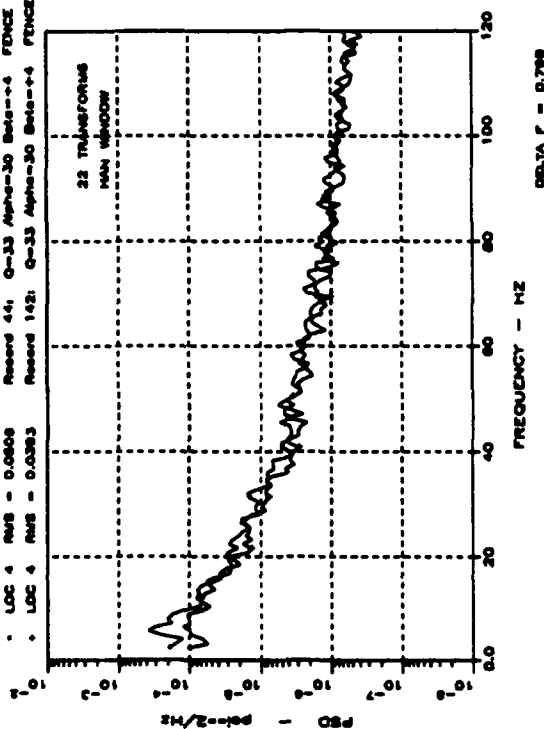
FREQUENCY - HZ

DELTA P = 0.798



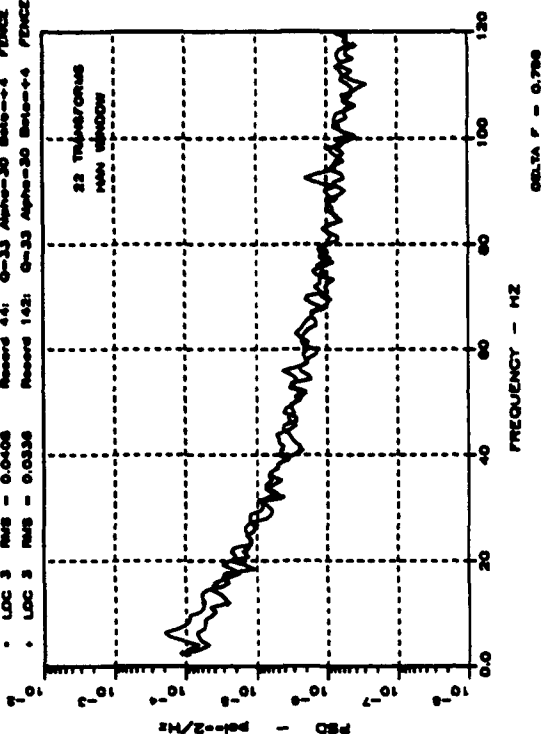
# F-18 Tail Buffet Test

LOC 4 RMS = 0.0508 Record 44: Q-33 Alpha-30 Beta-+4 FENCE OFF  
LOC 4 RMS = 0.0393 Record 142: Q-33 Alpha-30 Beta-+4 FENCE ON



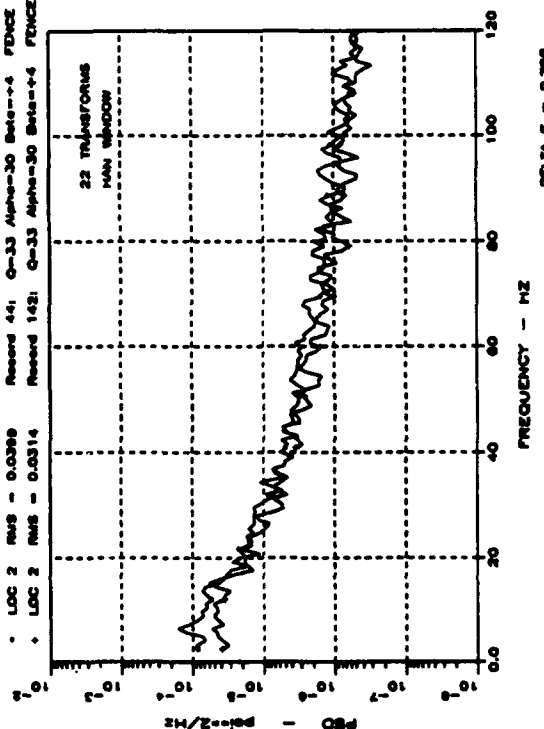
# F-18 Tail Buffet Test

LOC 3 RMS = 0.0406 Record 44: Q-33 Alpha-30 Beta-+4 FENCE OFF  
LOC 3 RMS = 0.0336 Record 142: Q-33 Alpha-30 Beta-+4 FENCE ON



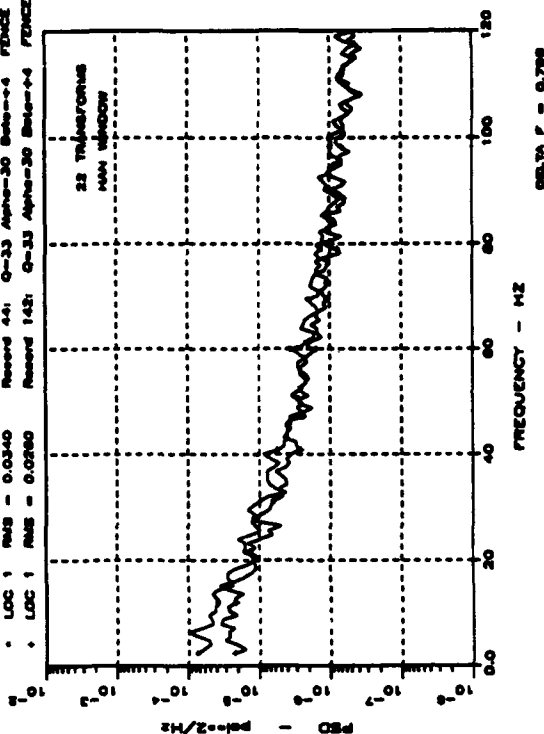
# F-18 Tail Buffet Test

LOC 2 RMS = 0.0399 Record 44: Q-33 Alpha-30 Beta-+4 FENCE OFF  
LOC 2 RMS = 0.0314 Record 142: Q-33 Alpha-30 Beta-+4 FENCE ON



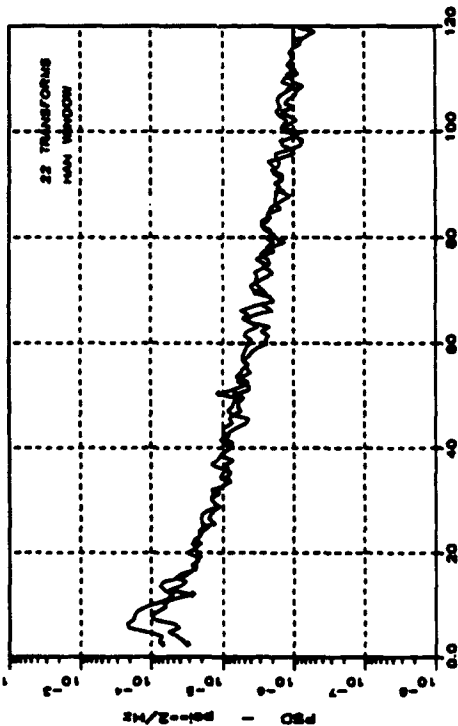
# F-18 Tail Buffet Test

LOC 1 RMS = 0.0340 Record 44: Q-33 Alpha-30 Beta-+4 FENCE OFF  
LOC 1 RMS = 0.0260 Record 142: Q-33 Alpha-30 Beta-+4 FENCE ON



# F-16 Tail Buffet Test

• LOC 8 RMS = 0.0463 Record 44: Q-33 Alpha-30 Beta-4 FENCE OFF  
 • LOC 6 RMS = 0.0372 Record 142: Q-33 Alpha-30 Beta-4 FENCE ON

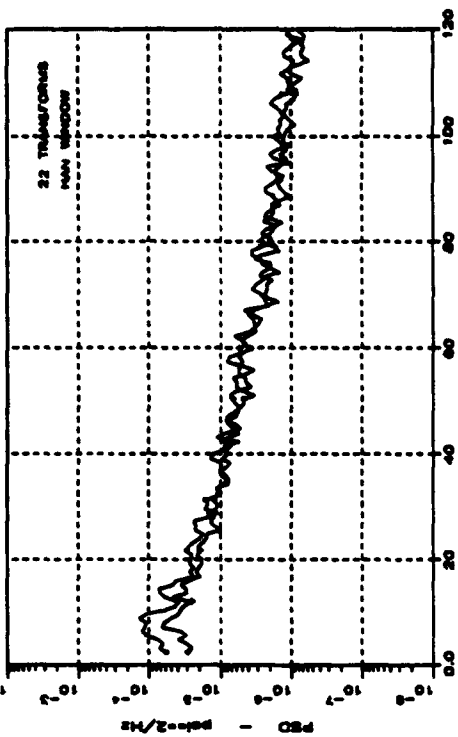


FREQUENCY - Hz

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 7 RMS = 0.0423 Record 44: Q-33 Alpha-30 Beta-4 FENCE OFF  
 • LOC 7 RMS = 0.0332 Record 142: Q-33 Alpha-30 Beta-4 FENCE ON

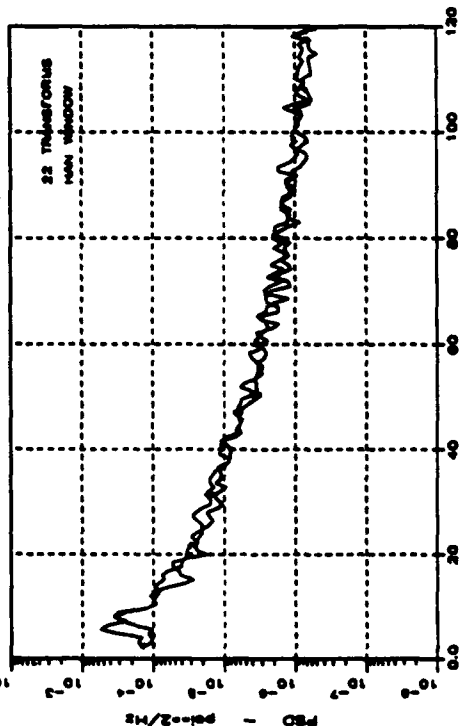


FREQUENCY - Hz

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 8 RMS = 0.0468 Record 44: Q-33 Alpha-30 Beta-4 FENCE OFF  
 • LOC 6 RMS = 0.0388 Record 142: Q-33 Alpha-30 Beta-4 FENCE ON

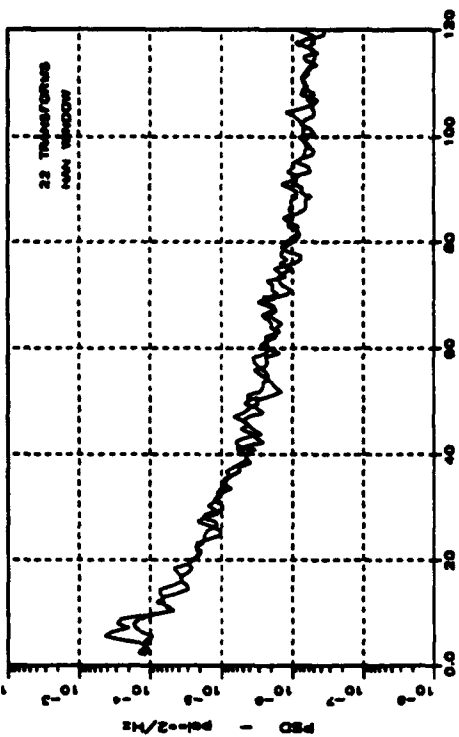


FREQUENCY - Hz

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 8 RMS = 0.0519 Record 44: Q-33 Alpha-30 Beta-4 FENCE OFF  
 • LOC 5 RMS = 0.0430 Record 142: Q-33 Alpha-30 Beta-4 FENCE ON

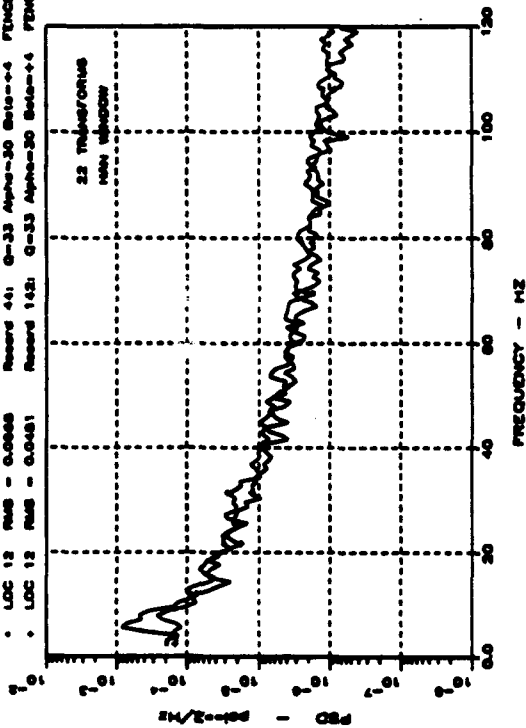


FREQUENCY - Hz

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 12 RMS = 0.0000 Record 44: Q-33 Alpha-30 Beta=+4 FENCE OFF  
LOC 12 RMS = 0.0401 Record 143: Q-33 Alpha-30 Beta=+4 FENCE ON

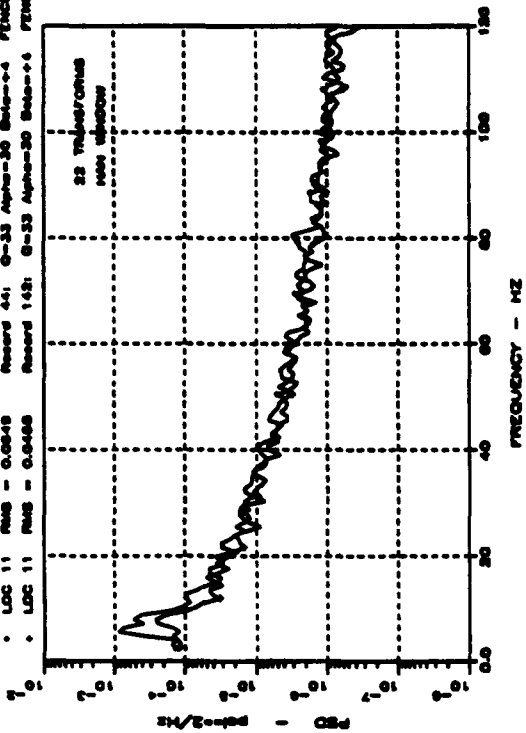


DELTA P = 0.700

FREQUENCY - HZ

# F-18 Tail Buffet Test

LOC 11 RMS = 0.0048 Record 44: Q-33 Alpha-30 Beta=+4 FENCE OFF  
LOC 11 RMS = 0.0400 Record 143: Q-33 Alpha-30 Beta=+4 FENCE ON

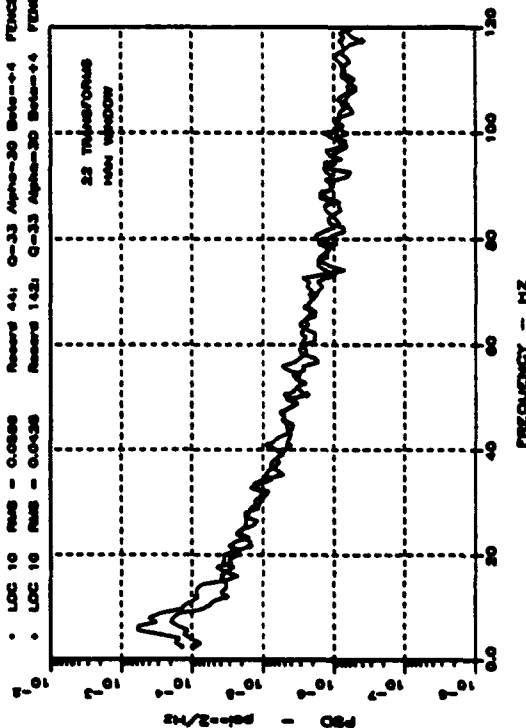


DELTA P = 0.700

FREQUENCY - HZ

# F-18 Tail Buffet Test

LOC 10 RMS = 0.0000 Record 44: Q-33 Alpha-30 Beta=+4 FENCE OFF  
LOC 10 RMS = 0.0400 Record 143: Q-33 Alpha-30 Beta=+4 FENCE ON

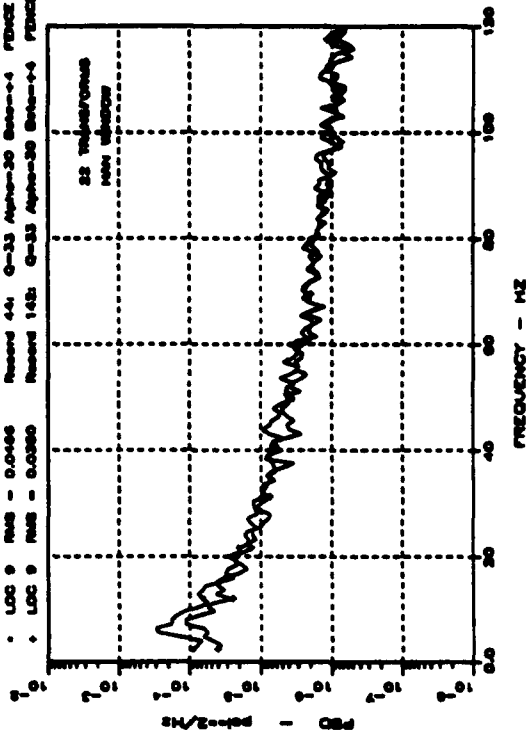


DELTA P = 0.700

FREQUENCY - HZ

# F-18 Tail Buffet Test

LOC 9 RMS = 0.0000 Record 44: Q-33 Alpha-30 Beta=+4 FENCE OFF  
LOC 9 RMS = 0.0000 Record 143: Q-33 Alpha-30 Beta=+4 FENCE ON

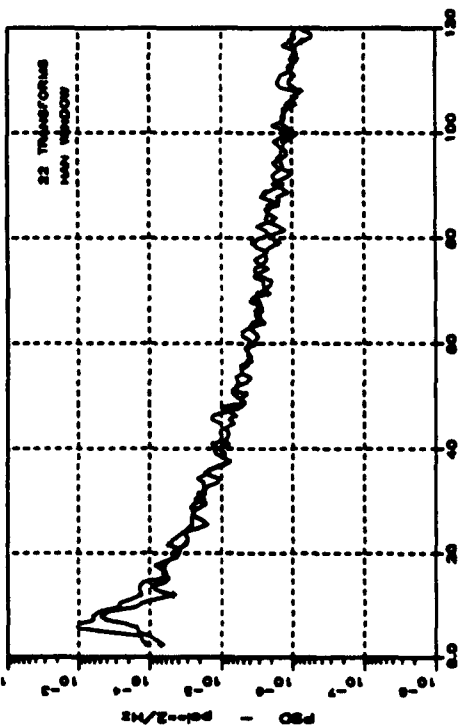


DELTA P = 0.700

FREQUENCY - HZ

F-16 Tail Buffet Test

• LOC 16 RMS = 0.0766 Record 44: Q-33 Alpha-20 Beta-+4 FENCE OFF  
• LOC 16 RMS = 0.0800 Record 143: Q-33 Alpha-20 Beta-+4 FENCE ON

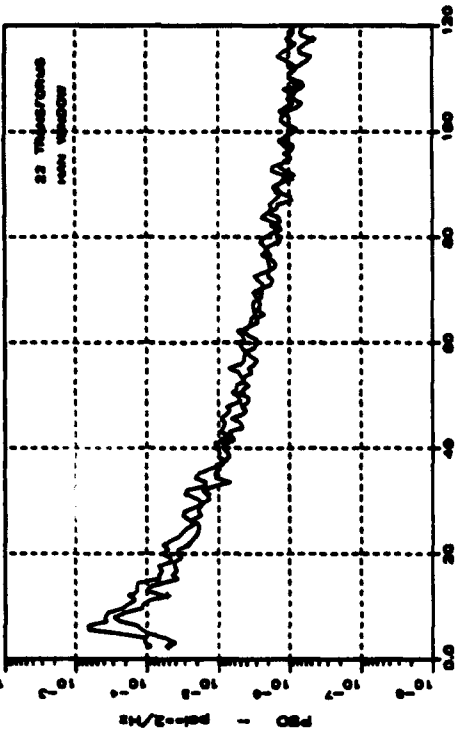


FREQUENCY - HZ

OSLVA P = 0.790

F-16 Tail Buffet Test

• LOC 16 RMS = 0.0801 Record 44: Q-33 Alpha-20 Beta-+4 FENCE OFF  
• LOC 16 RMS = 0.0471 Record 143: Q-33 Alpha-20 Beta-+4 FENCE ON

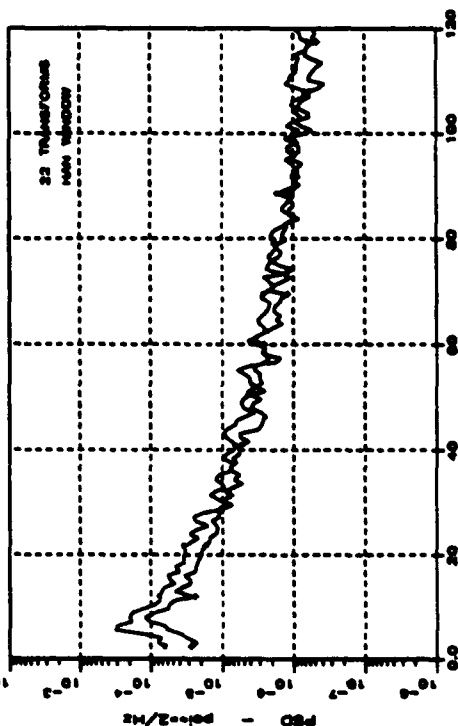


FREQUENCY - HZ

OSLVA P = 0.790

F-16 Tail Buffet Test

• LOC 14 RMS = 0.0482 Record 44: Q-33 Alpha-20 Beta-+4 FENCE OFF  
• LOC 14 RMS = 0.0341 Record 143: Q-33 Alpha-20 Beta-+4 FENCE ON

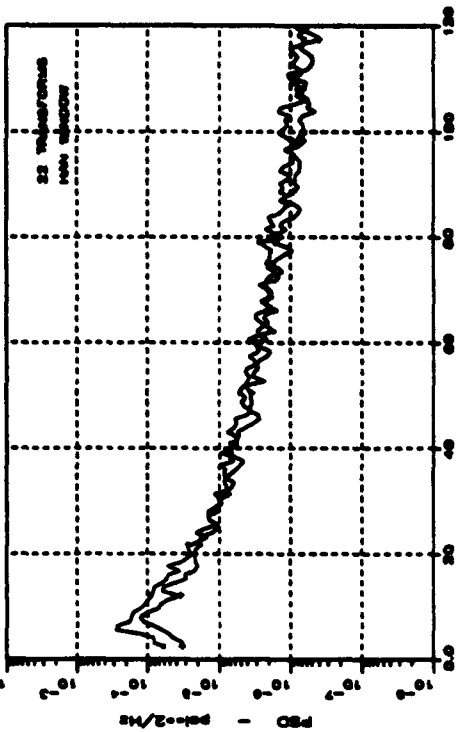


FREQUENCY - HZ

OSLVA P = 0.790

F-16 Tail Buffet Test

• LOC 13 RMS = 0.0481 Record 44: Q-33 Alpha-20 Beta-+4 FENCE OFF  
• LOC 13 RMS = 0.0344 Record 143: Q-33 Alpha-20 Beta-+4 FENCE ON

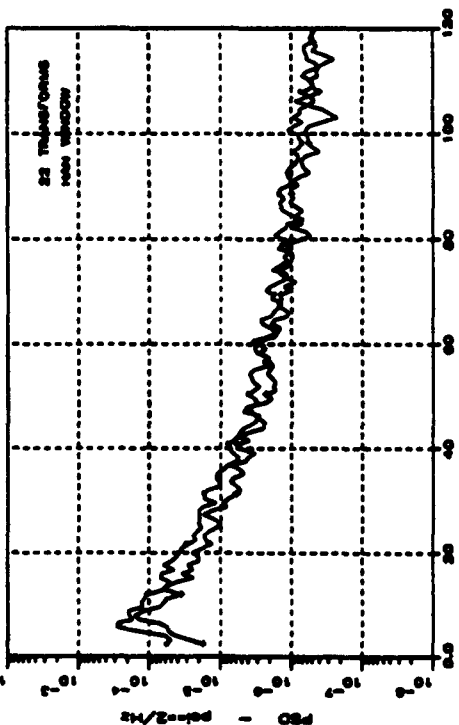


FREQUENCY - HZ

OSLVA P = 0.790

# F-16 Tail Buffet Test

• LOC 20 RMS = 0.0483 Record 44: Q-33 Alpha-30 Beta-+4 FENCE OFF  
 • LOC 20 RMS = 0.0361 Record 143: Q-33 Alpha-30 Beta-+4 FENCE ON

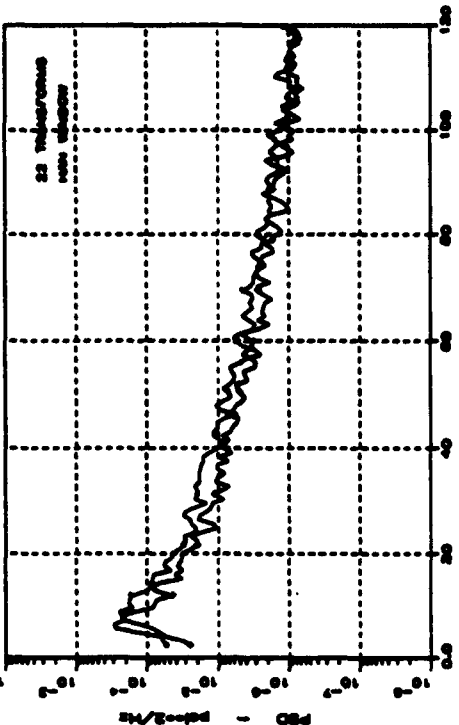


FREQUENCY - HZ

DELTA P = 0.700

# F-16 Tail Buffet Test

• LOC 19 RMS = 0.0063 Record 44: Q-33 Alpha-30 Beta-+4 FENCE OFF  
 • LOC 19 RMS = 0.0100 Record 143: Q-33 Alpha-30 Beta-+4 FENCE ON

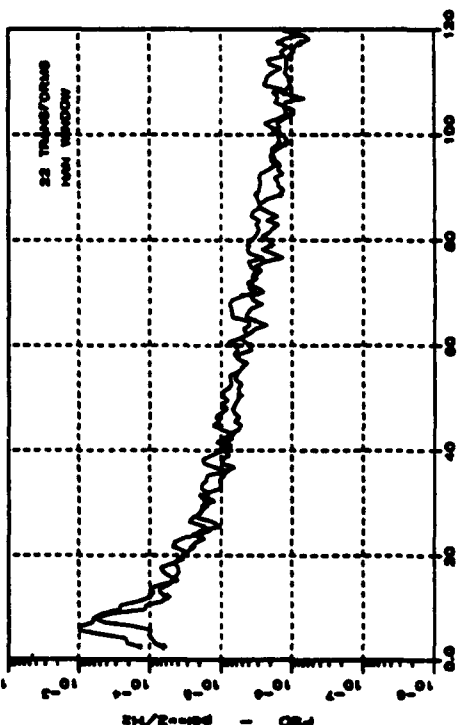


FREQUENCY - HZ

DELTA P = 0.700

# F-16 Tail Buffet Test

• LOC 18 RMS = 0.0763 Record 44: Q-33 Alpha-30 Beta-+4 FENCE OFF  
 • LOC 18 RMS = 0.0630 Record 143: Q-33 Alpha-30 Beta-+4 FENCE ON

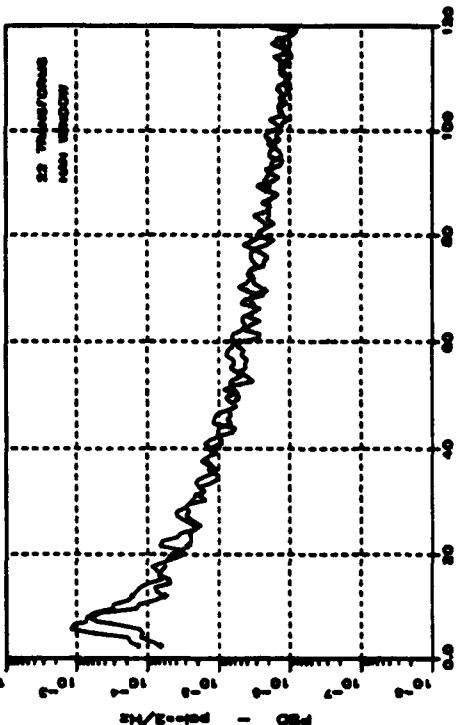


FREQUENCY - HZ

DELTA P = 0.700

# F-16 Tail Buffet Test

• LOC 17 RMS = 0.0007 Record 44: Q-33 Alpha-30 Beta-+4 FENCE OFF  
 • LOC 17 RMS = 0.0079 Record 143: Q-33 Alpha-30 Beta-+4 FENCE ON

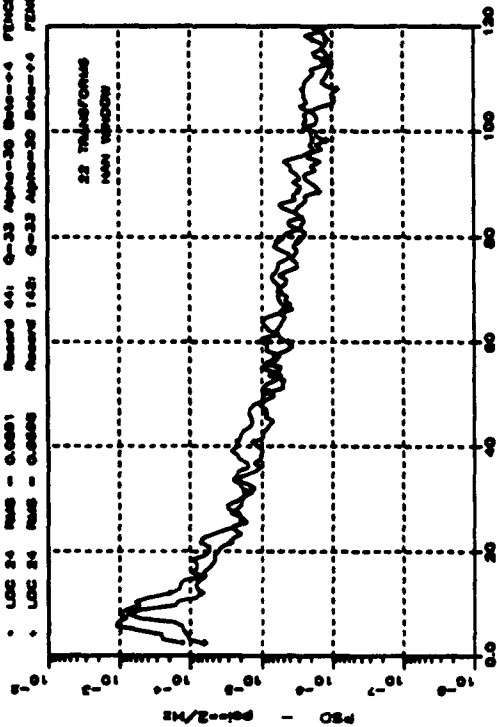


FREQUENCY - HZ

DELTA P = 0.700

F-18 Tail Buffet Test

LOC 24 RMS = 0.0051 Record 44: Q-33 Alpha-30 Beta-+4 FENCE OFF  
LOC 24 RMS = 0.0050 Record 143: Q-33 Alpha-30 Beta-+4 FENCE ON

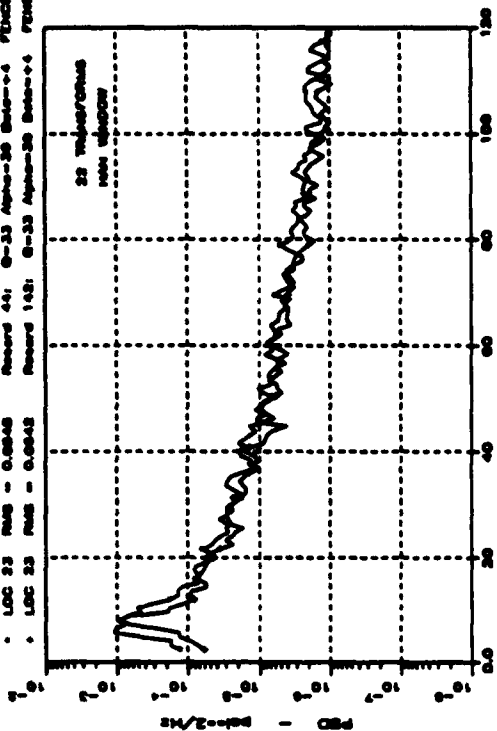


FREQUENCY - HZ

DELTA P = 0.700

F-18 Tail Buffet Test

LOC 23 RMS = 0.0045 Record 44: Q-33 Alpha-30 Beta-+4 FENCE OFF  
LOC 23 RMS = 0.0045 Record 143: Q-33 Alpha-30 Beta-+4 FENCE ON

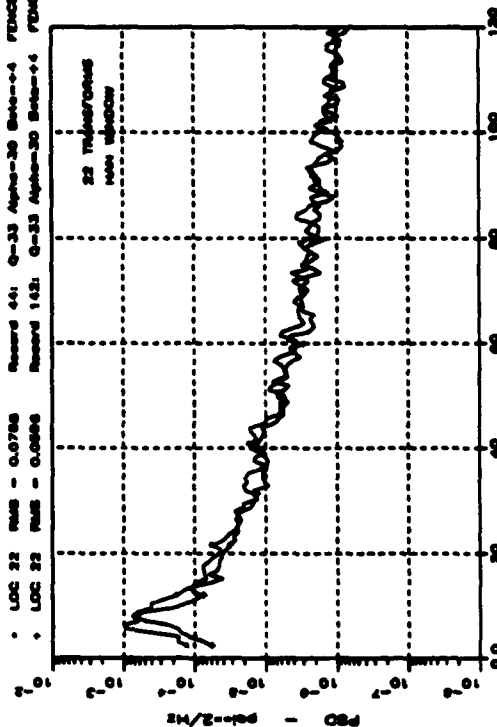


FREQUENCY - HZ

DELTA P = 0.700

F-18 Tail Buffet Test

LOC 22 RMS = 0.0760 Record 44: Q-33 Alpha-30 Beta-+4 FENCE OFF  
LOC 22 RMS = 0.0096 Record 143: Q-33 Alpha-30 Beta-+4 FENCE ON

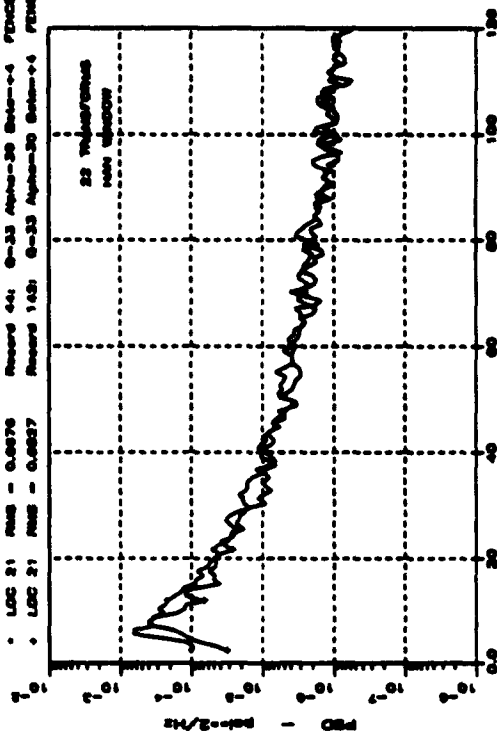


FREQUENCY - HZ

DELTA P = 0.700

F-18 Tail Buffet Test

LOC 21 RMS = 0.0070 Record 44: Q-33 Alpha-30 Beta-+4 FENCE OFF  
LOC 21 RMS = 0.0037 Record 143: Q-33 Alpha-30 Beta-+4 FENCE ON



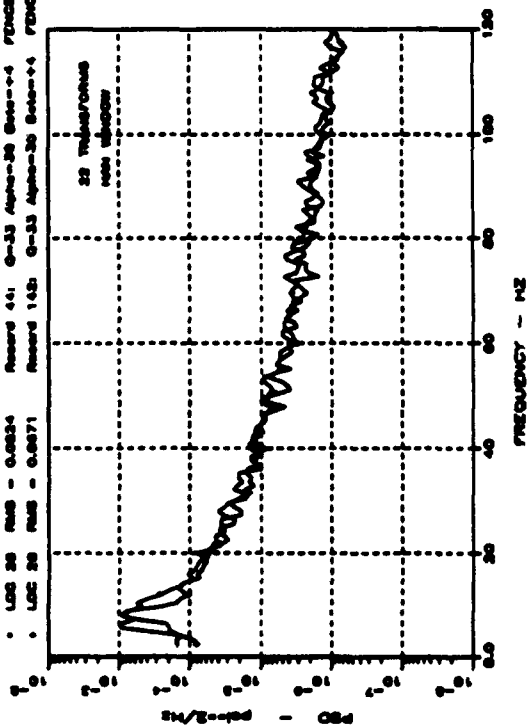
FREQUENCY - HZ

DELTA P = 0.700



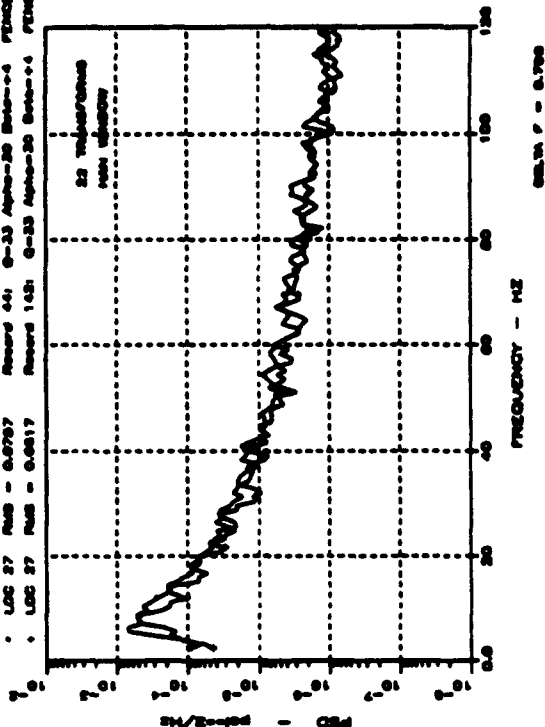
# F-16 Tail Buffet Test

LOC 26 RMS = 0.0034 Record 44: G-33 Alpha-20 Beta-+4 FENCE OFF  
LOC 26 RMS = 0.0071 Record 145: G-33 Alpha-20 Beta-+4 FENCE ON



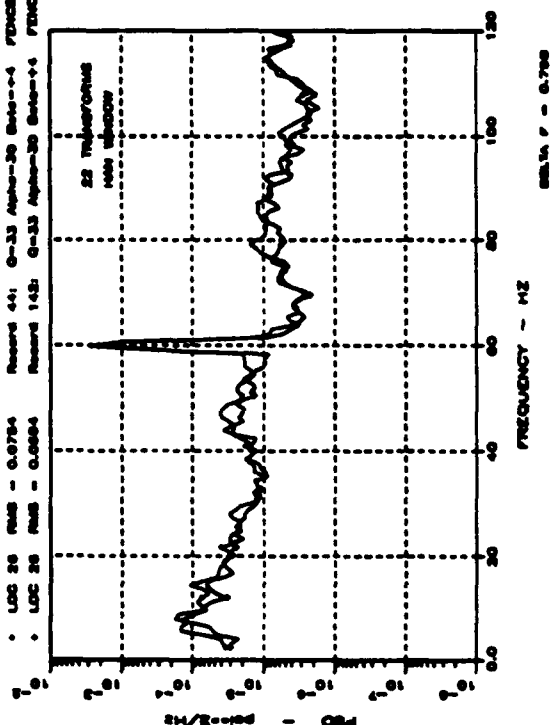
# F-16 Tail Buffet Test

LOC 27 RMS = 0.0797 Record 44: G-33 Alpha-20 Beta-+4 FENCE OFF  
LOC 27 RMS = 0.0017 Record 145: G-33 Alpha-20 Beta-+4 FENCE ON



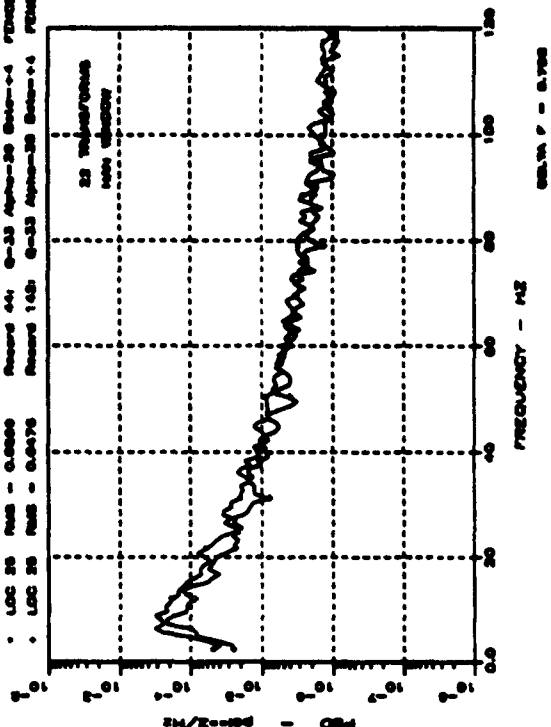
# F-16 Tail Buffet Test

LOC 26 RMS = 0.0794 Record 44: G-33 Alpha-20 Beta-+4 FENCE OFF  
LOC 26 RMS = 0.0004 Record 145: G-33 Alpha-20 Beta-+4 FENCE ON



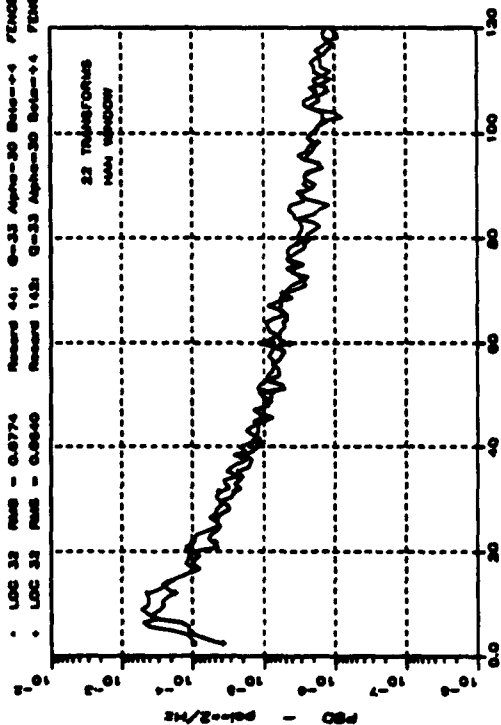
# F-16 Tail Buffet Test

LOC 26 RMS = 0.0000 Record 44: G-33 Alpha-20 Beta-+4 FENCE OFF  
LOC 26 RMS = 0.0076 Record 145: G-33 Alpha-20 Beta-+4 FENCE ON



F-16 Tail Buffet Test

• LOC 31 RMS = 0.0774 Record 44: Q=33 Alpha=30 Beta=+4 FENCE OFF  
• LOC 31 RMS = 0.0040 Record 143: Q=33 Alpha=30 Beta=+4 FENCE ON

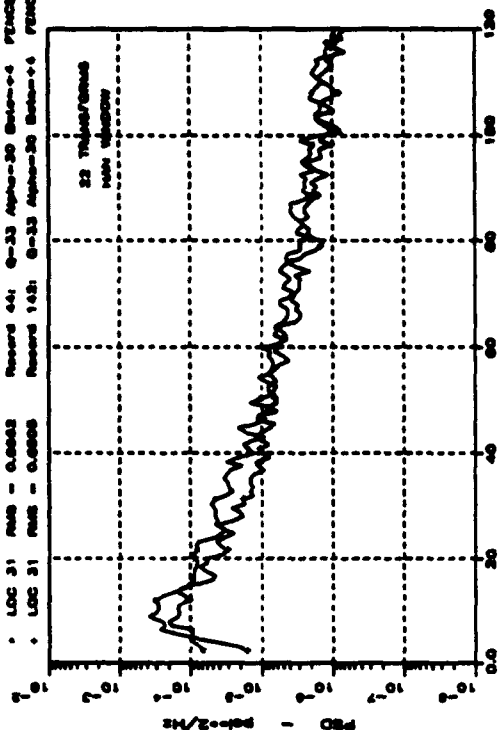


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 31 RMS = 0.0032 Record 44: Q=33 Alpha=30 Beta=+4 FENCE OFF  
• LOC 31 RMS = 0.0005 Record 143: Q=33 Alpha=30 Beta=+4 FENCE ON

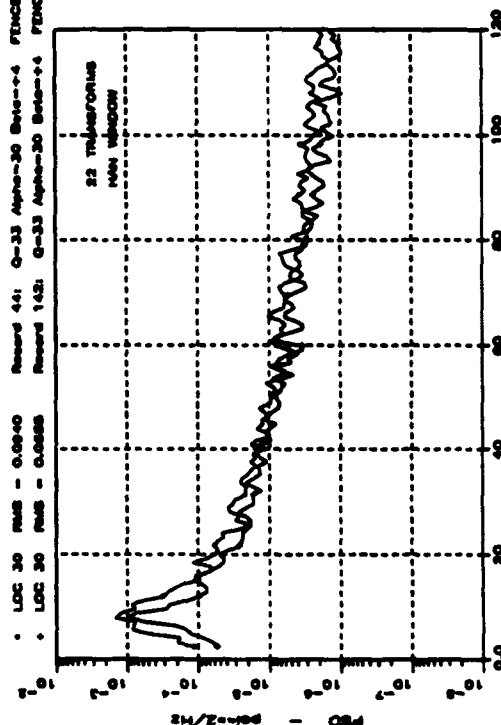


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 30 RMS = 0.0040 Record 44: Q=33 Alpha=30 Beta=+4 FENCE OFF  
• LOC 30 RMS = 0.0005 Record 143: Q=33 Alpha=30 Beta=+4 FENCE ON

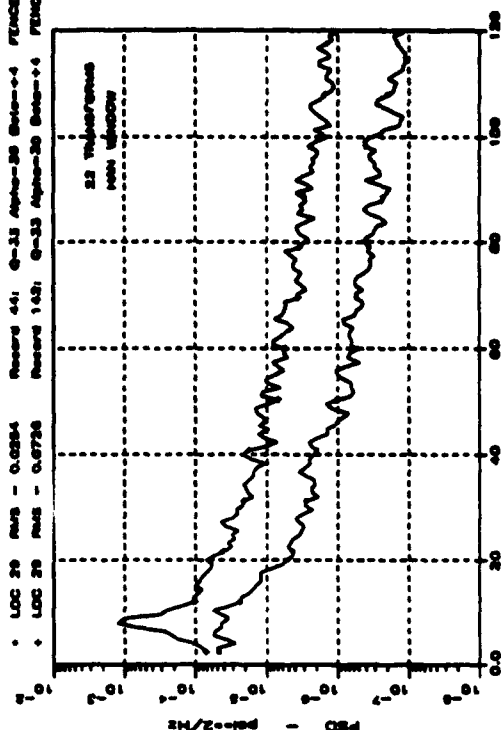


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 29 RMS = 0.0054 Record 44: Q=33 Alpha=30 Beta=+4 FENCE OFF  
• LOC 29 RMS = 0.0736 Record 143: Q=33 Alpha=30 Beta=+4 FENCE ON

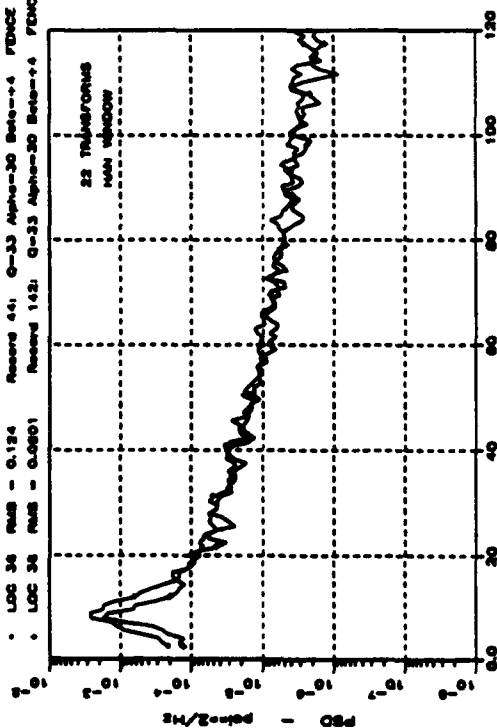


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 36 RMS = 0.124 Record 44: Q-33 Alpha-30 Beta=+4 FENCE OFF  
LOC 36 RMS = 0.0801 Record 142: Q-33 Alpha-30 Beta=+4 FENCE ON

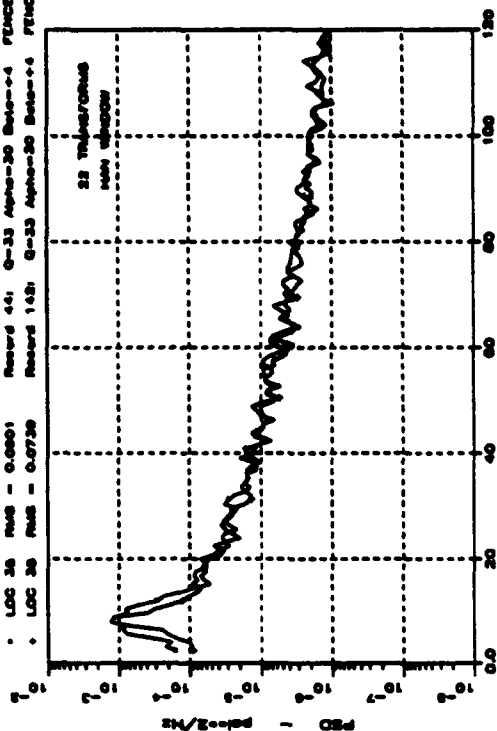


FREQUENCY - HZ

DELTA P = 0.798

# F-18 Tail Buffet Test

LOC 36 RMS = 0.0801 Record 44: Q-33 Alpha-30 Beta=+4 FENCE OFF  
LOC 36 RMS = 0.0738 Record 142: Q-33 Alpha-30 Beta=+4 FENCE ON

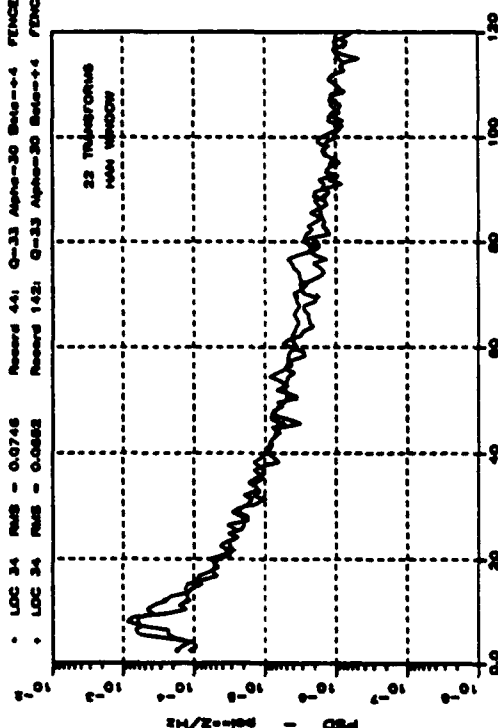


FREQUENCY - HZ

DELTA P = 0.798

# F-18 Tail Buffet Test

LOC 34 RMS = 0.0746 Record 44: Q-33 Alpha-30 Beta=+4 FENCE OFF  
LOC 34 RMS = 0.0862 Record 142: Q-33 Alpha-30 Beta=+4 FENCE ON

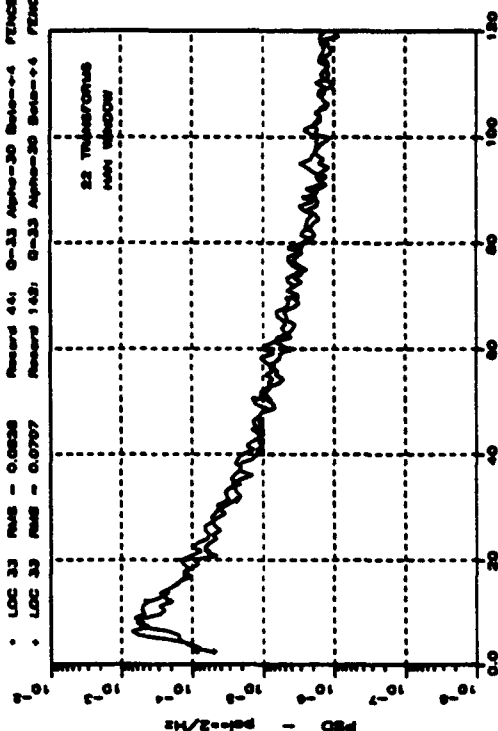


FREQUENCY - HZ

DELTA P = 0.798

# F-18 Tail Buffet Test

LOC 33 RMS = 0.0838 Record 44: Q-33 Alpha-30 Beta=+4 FENCE OFF  
LOC 33 RMS = 0.0797 Record 142: Q-33 Alpha-30 Beta=+4 FENCE ON



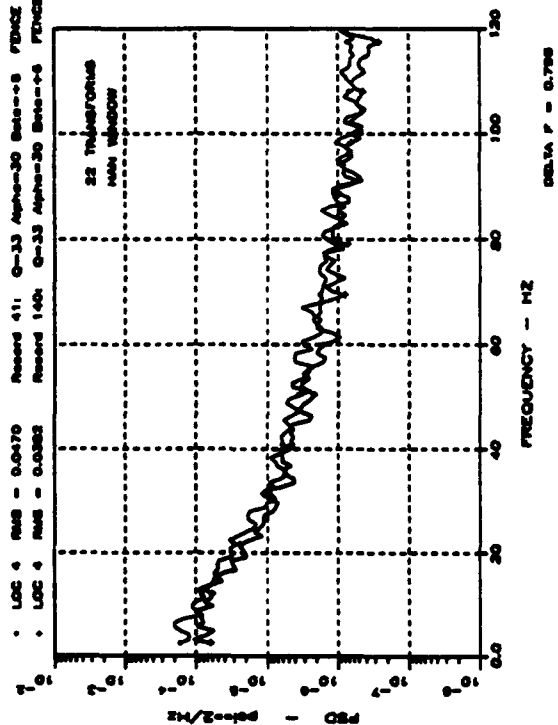
FREQUENCY - HZ

DELTA P = 0.798



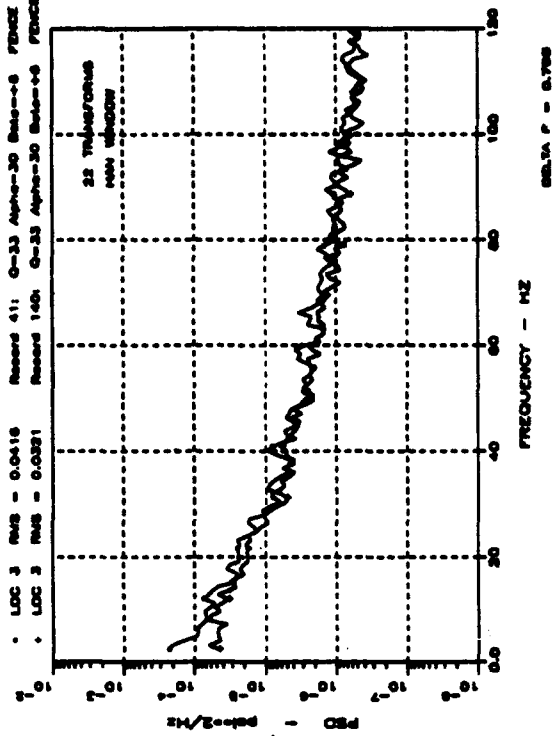
# F-16 Tail Buffet Test

• LDC 4 RMS = 0.04170 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
 • LDC 4 RMS = 0.03922 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON



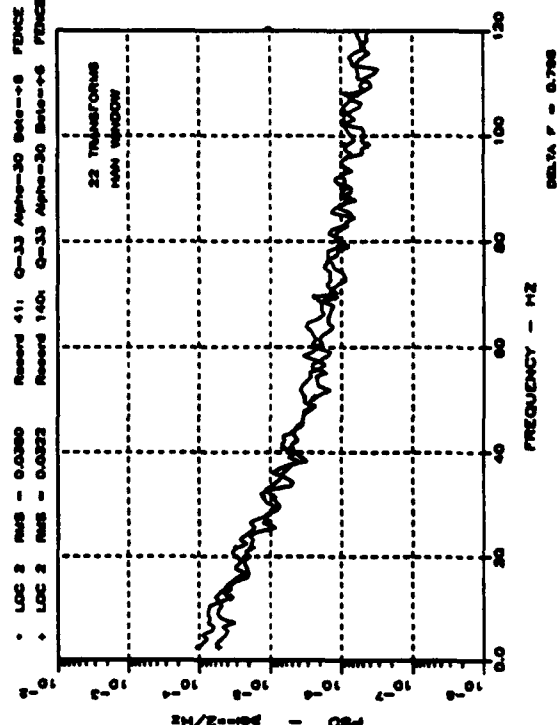
# F-16 Tail Buffet Test

• LDC 3 RMS = 0.0416 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
 • LDC 3 RMS = 0.03921 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON



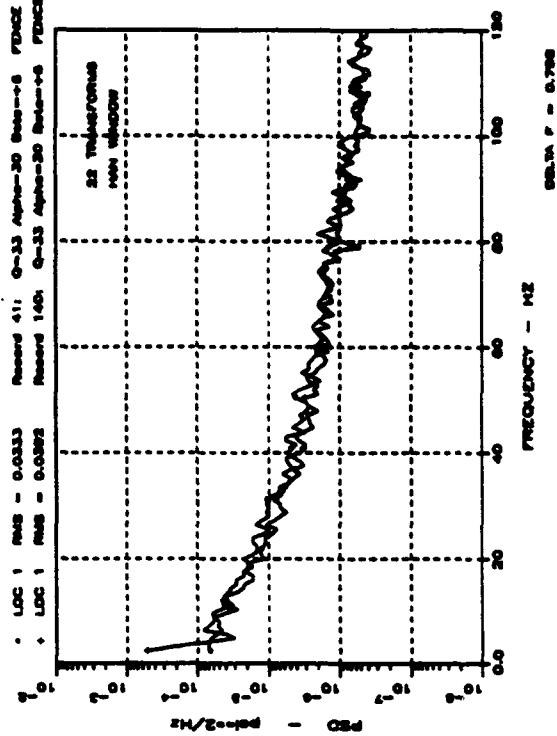
# F-16 Tail Buffet Test

• LDC 2 RMS = 0.0380 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
 • LDC 2 RMS = 0.03922 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON



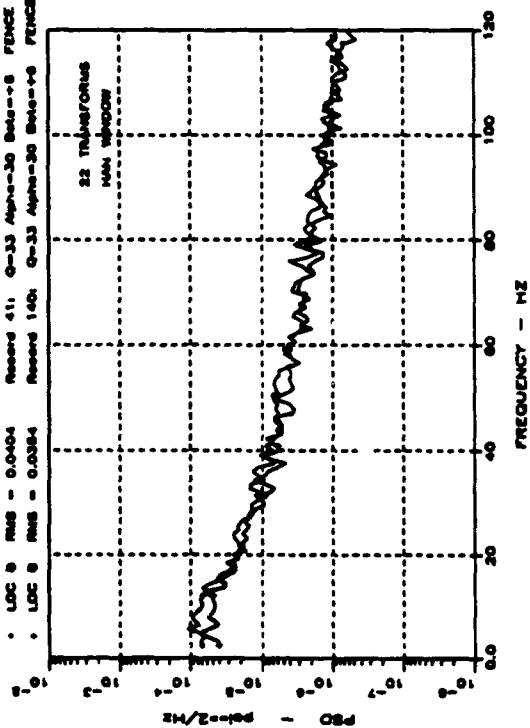
# F-16 Tail Buffet Test

• LDC 1 RMS = 0.0333 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
 • LDC 1 RMS = 0.03922 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON



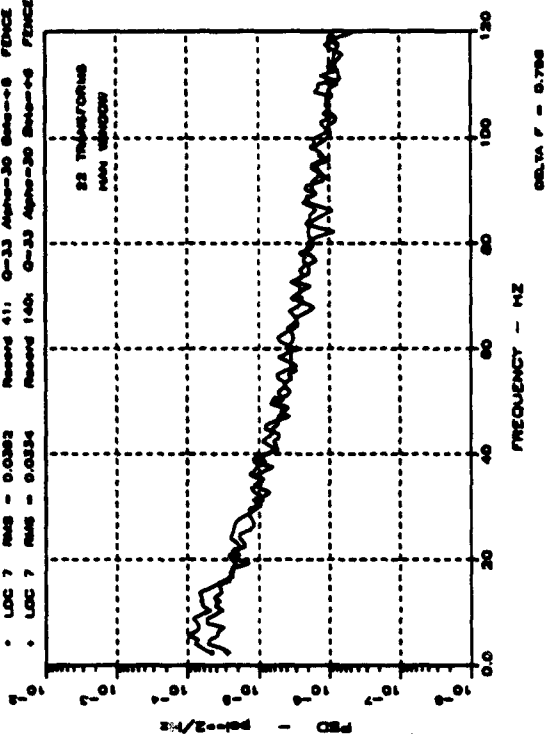
# F-16 Tail Buffet Test

LOC 8 RMS = 0.0404 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
LOC 8 RMS = 0.0384 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON



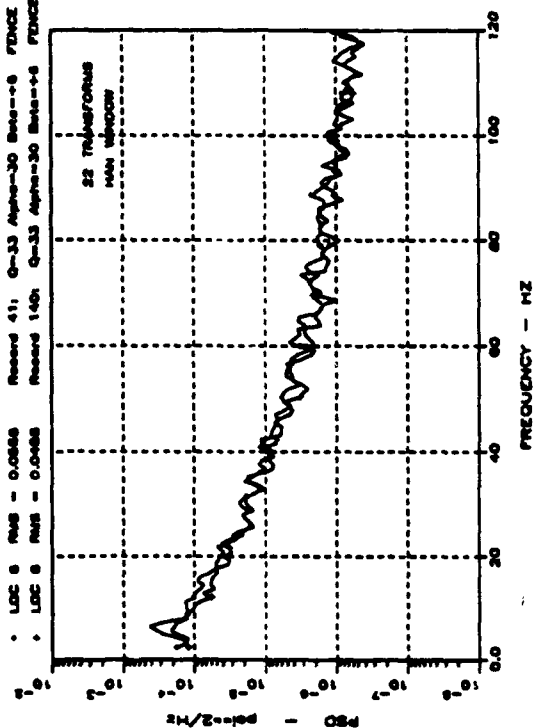
# F-16 Tail Buffet Test

LOC 7 RMS = 0.0392 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
LOC 7 RMS = 0.0334 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON



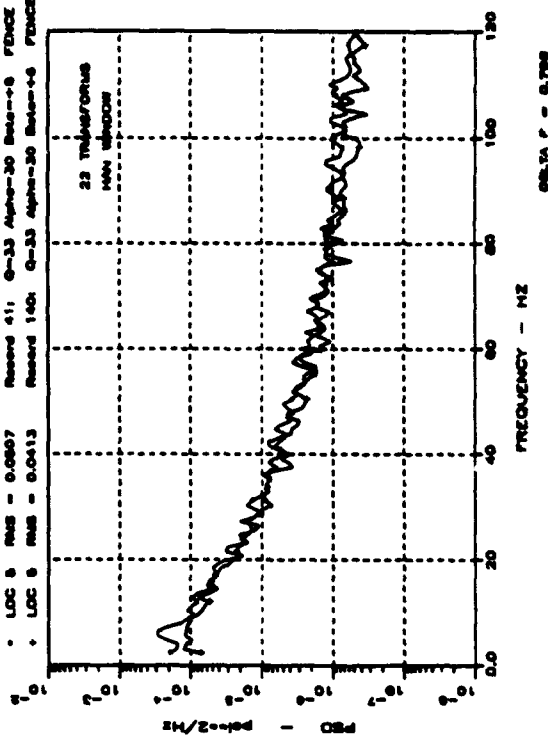
# F-16 Tail Buffet Test

LOC 8 RMS = 0.0466 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
LOC 8 RMS = 0.0488 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON



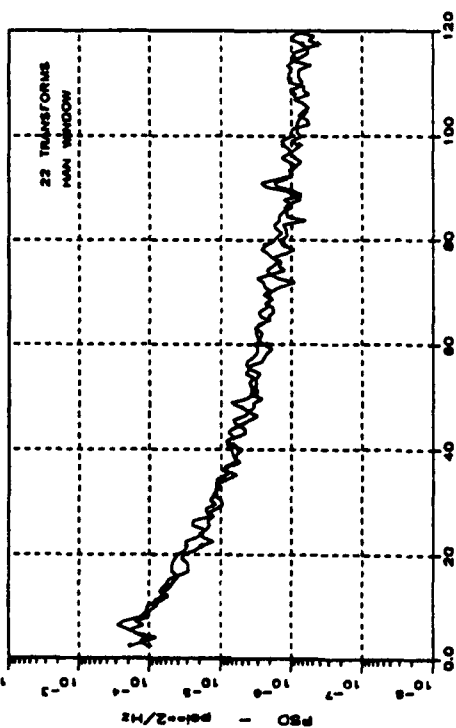
# F-16 Tail Buffet Test

LOC 8 RMS = 0.0607 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
LOC 8 RMS = 0.0413 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON



F-18 Tail Buffet Test

LOC 12 RMS = 0.0485 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
 LOC 12 RMS = 0.0439 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON

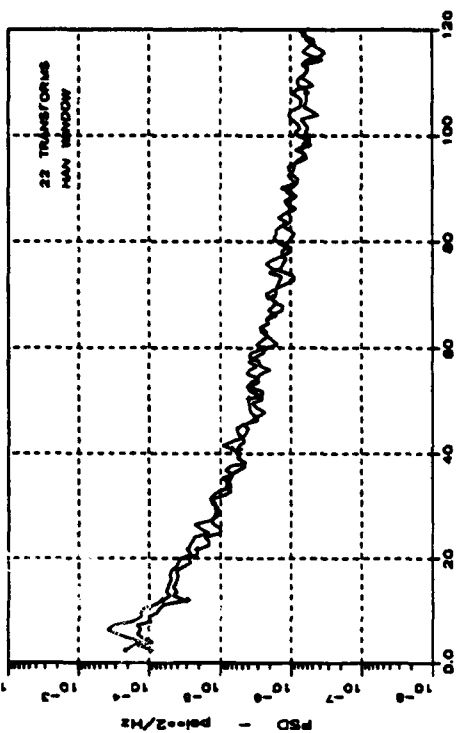


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

LOC 11 RMS = 0.0328 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
 LOC 11 RMS = 0.0416 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON

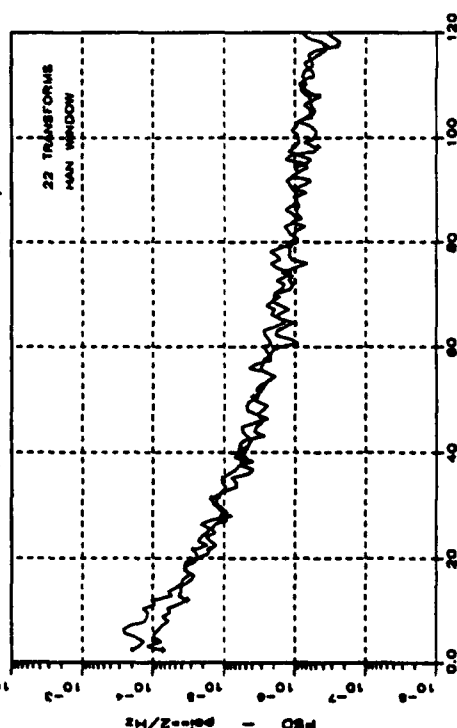


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

LOC 10 RMS = 0.0488 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
 LOC 10 RMS = 0.0373 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON

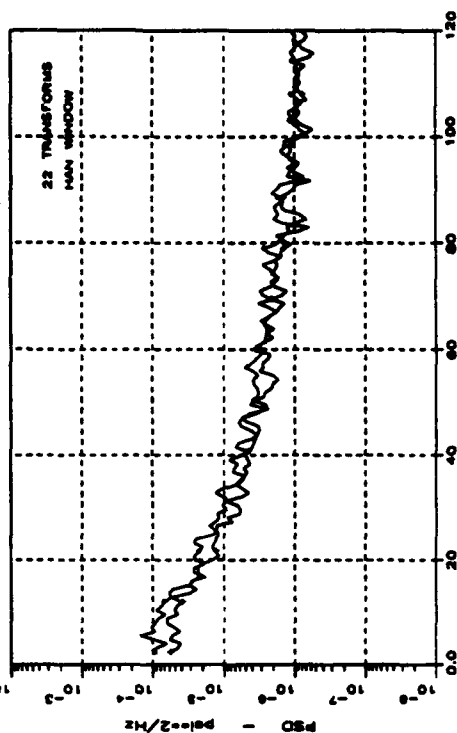


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

LOC 9 RMS = 0.0406 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
 LOC 9 RMS = 0.0325 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON

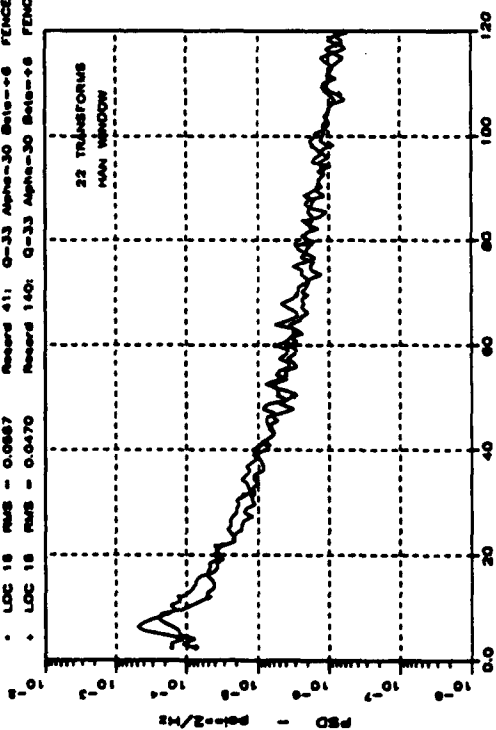


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 16 RMS = 0.0867 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
• LOC 16 RMS = 0.0470 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON

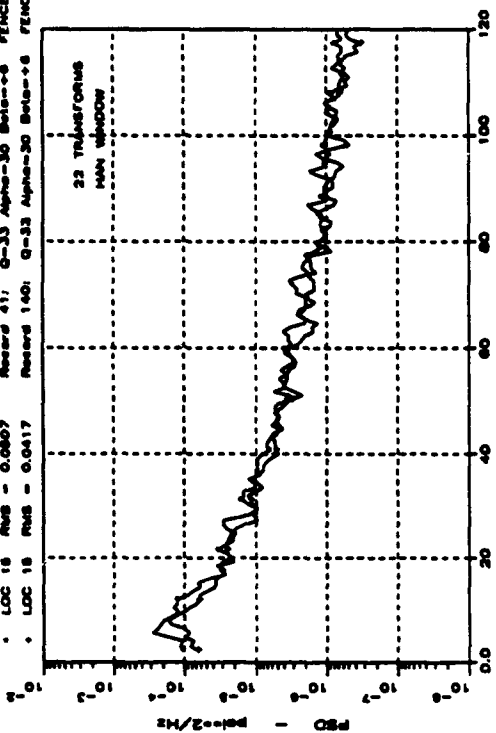


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 16 RMS = 0.0807 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
• LOC 16 RMS = 0.0417 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON

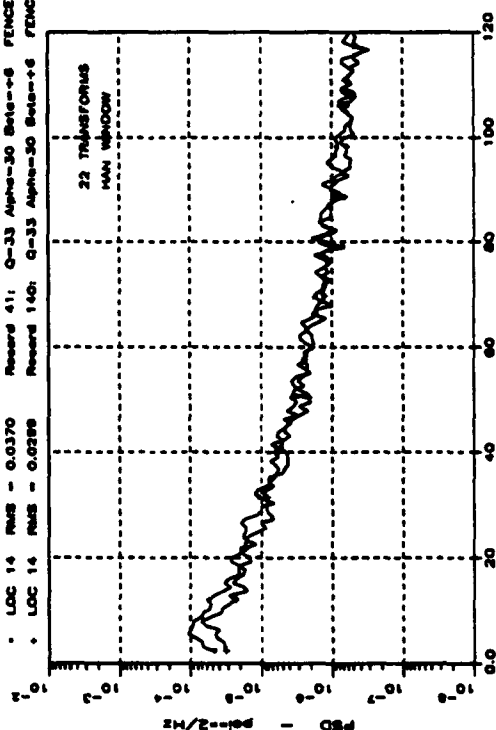


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 14 RMS = 0.0370 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
• LOC 14 RMS = 0.0286 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON

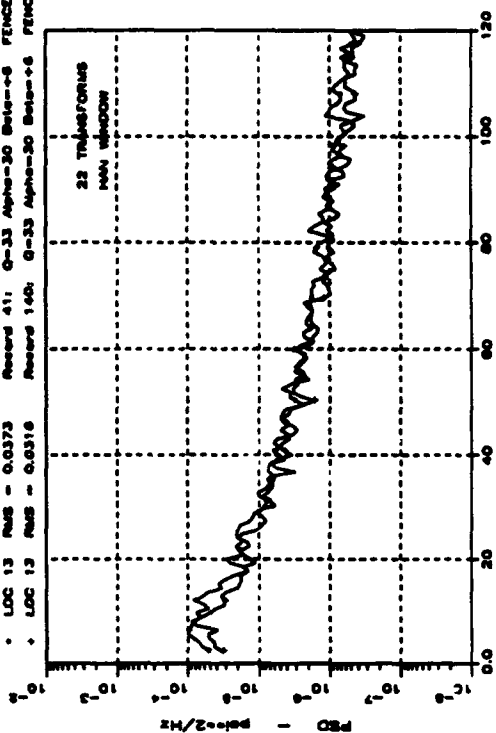


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 13 RMS = 0.0373 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
• LOC 13 RMS = 0.0316 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON



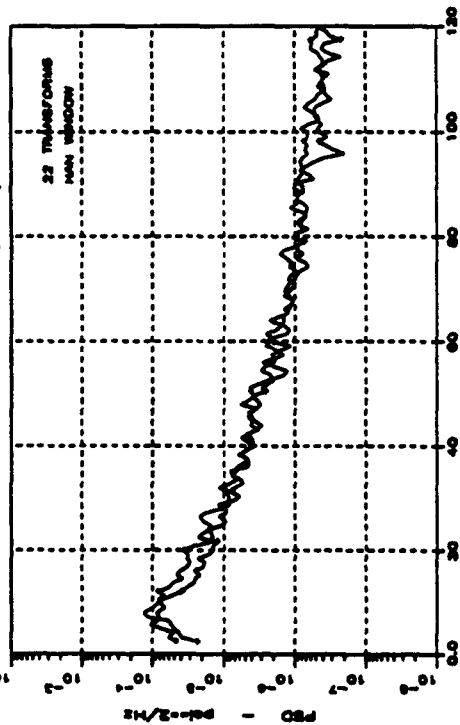
FREQUENCY - HZ

DELTA F = 0.798



# F-16 Tail Buffet Test

• LOC 20 RMS = 0.0378 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
• LOC 20 RMS = 0.0343 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON

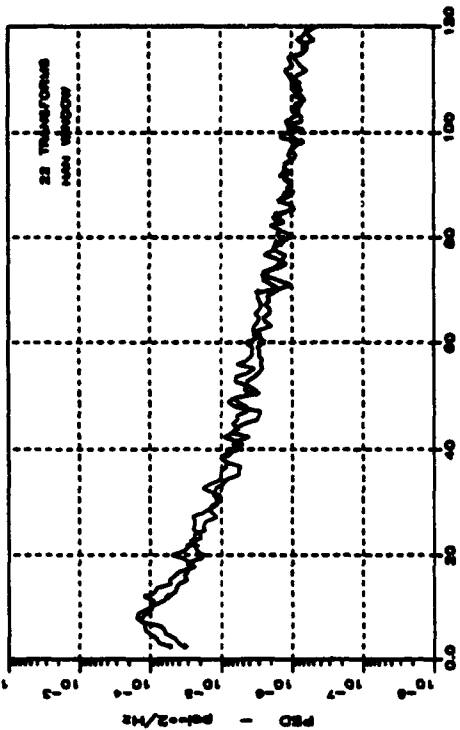


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 19 RMS = 0.0443 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
• LOC 19 RMS = 0.0388 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON

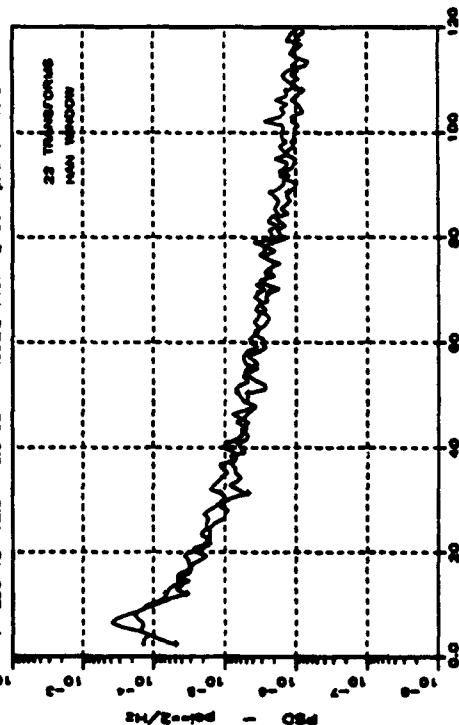


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 18 RMS = 0.0814 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
• LOC 18 RMS = 0.0432 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON

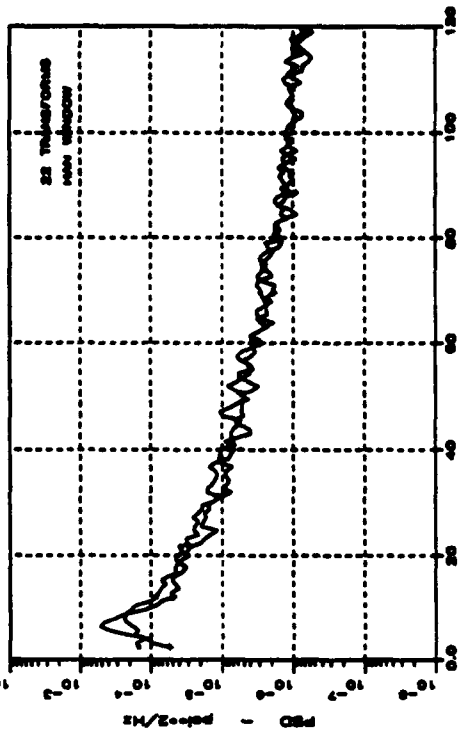


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 17 RMS = 0.0888 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
• LOC 17 RMS = 0.0474 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON

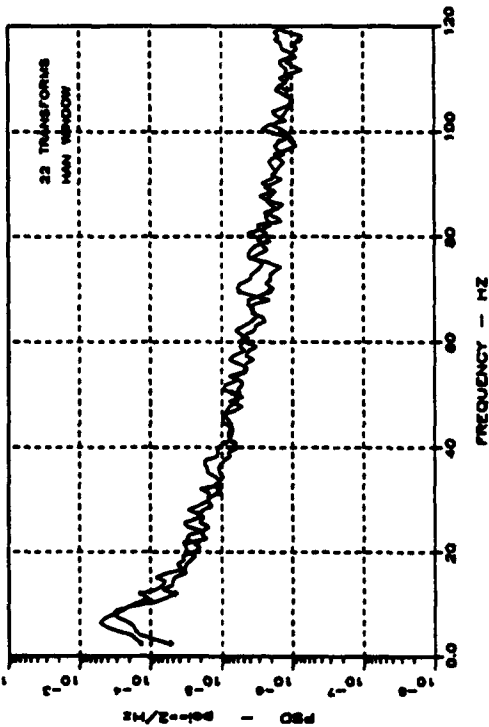


FREQUENCY - HZ

DELTA F = 0.798

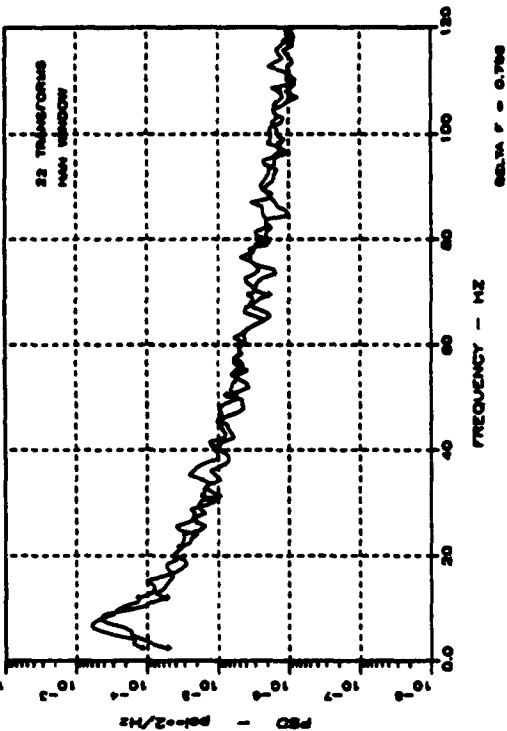
F-18 Tail Buffet Test

• LOC 24 RMS = 0.0813 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
• LOC 24 RMS = 0.0804 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON



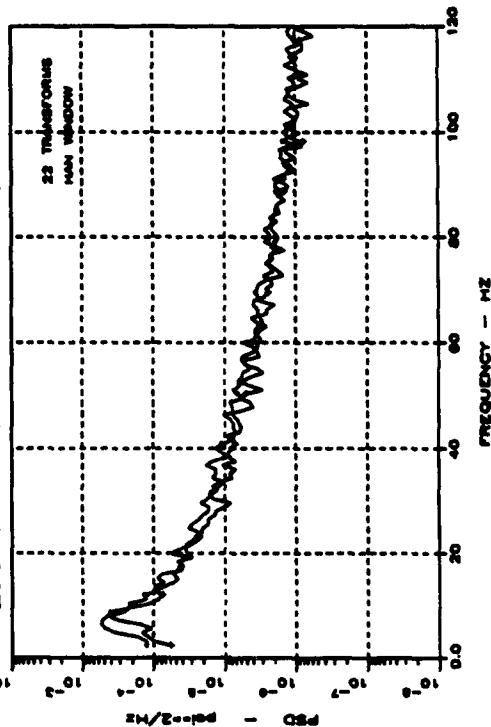
F-18 Tail Buffet Test

• LOC 23 RMS = 0.0843 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
• LOC 23 RMS = 0.0846 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON



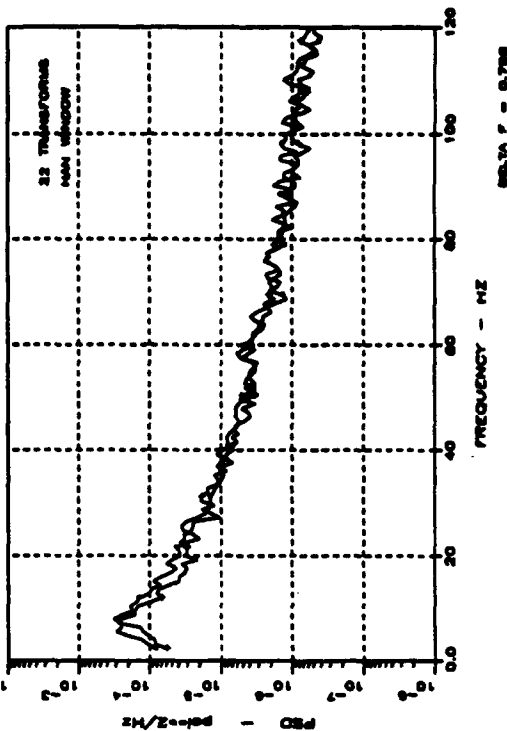
F-18 Tail Buffet Test

• LOC 22 RMS = 0.0842 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
• LOC 22 RMS = 0.0836 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON



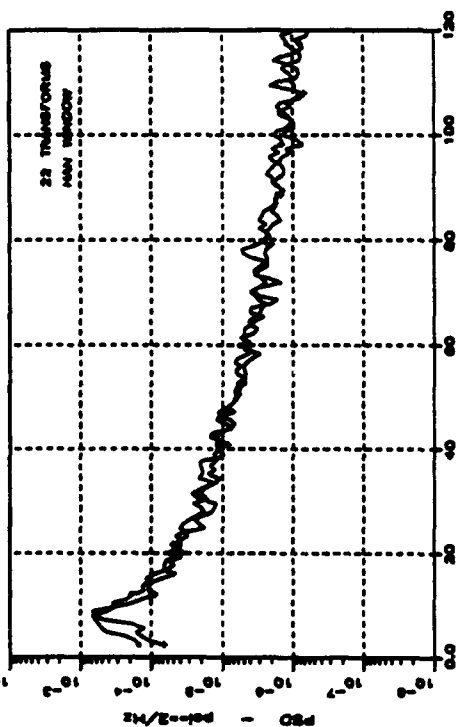
F-18 Tail Buffet Test

• LOC 21 RMS = 0.0848 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
• LOC 21 RMS = 0.0850 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON



F-16 Tail Buffet Test

LOC 26 RMS = 0.0730 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
LOC 26 RMS = 0.0635 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON

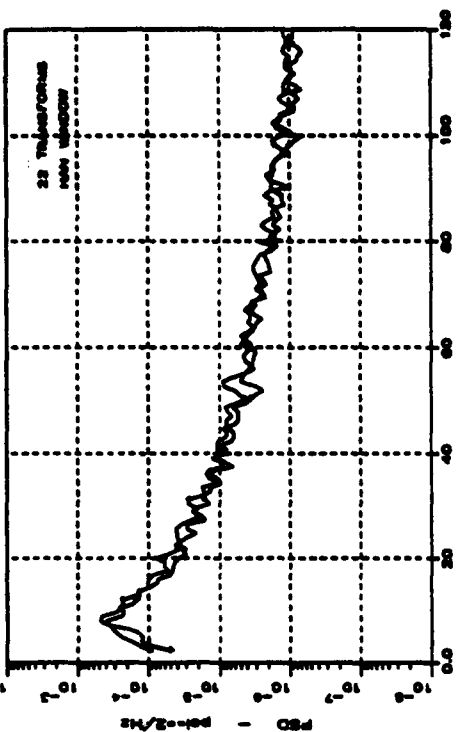


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 27 RMS = 0.0634 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
LOC 27 RMS = 0.0666 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON

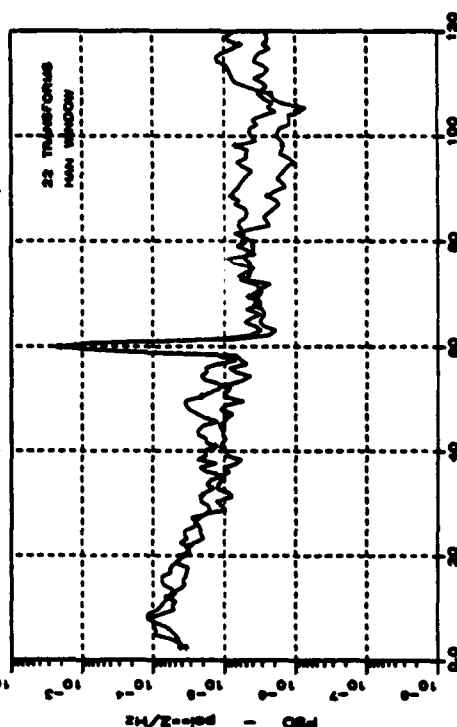


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 26 RMS = 0.0664 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
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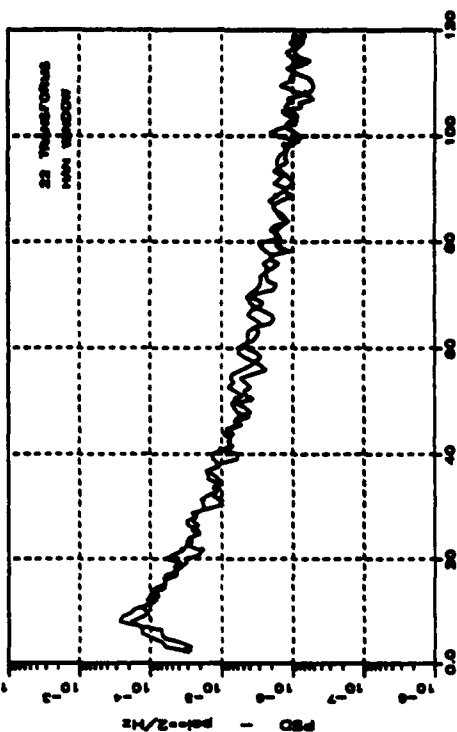


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 26 RMS = 0.0477 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
LOC 26 RMS = 0.0471 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON

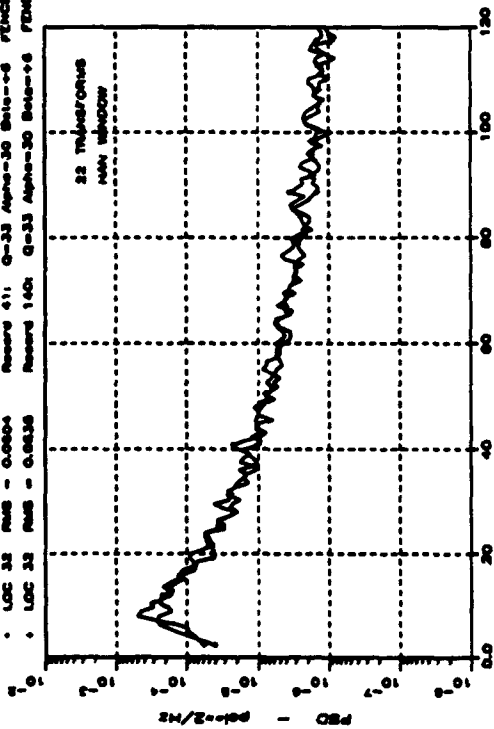


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

• LOC 35 RMS = 0.0004 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
• LOC 35 RMS = 0.0036 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON

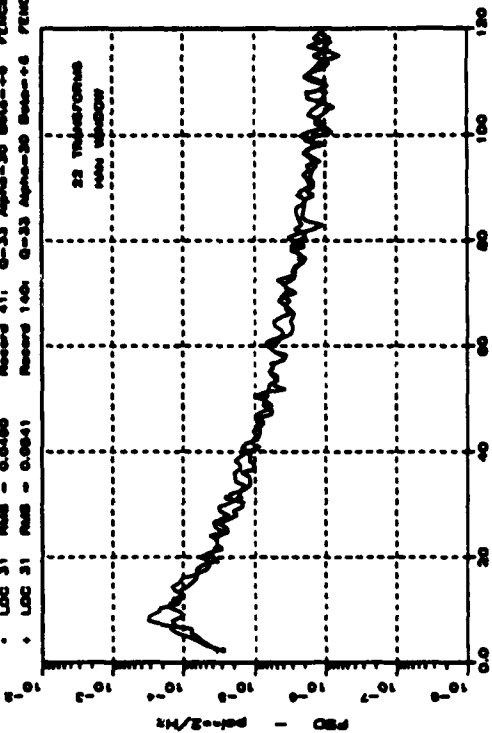


FREQUENCY - HZ

DELTA F = 0.700

F-18 Tail Buffet Test

• LOC 31 RMS = 0.0400 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
• LOC 31 RMS = 0.0941 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON

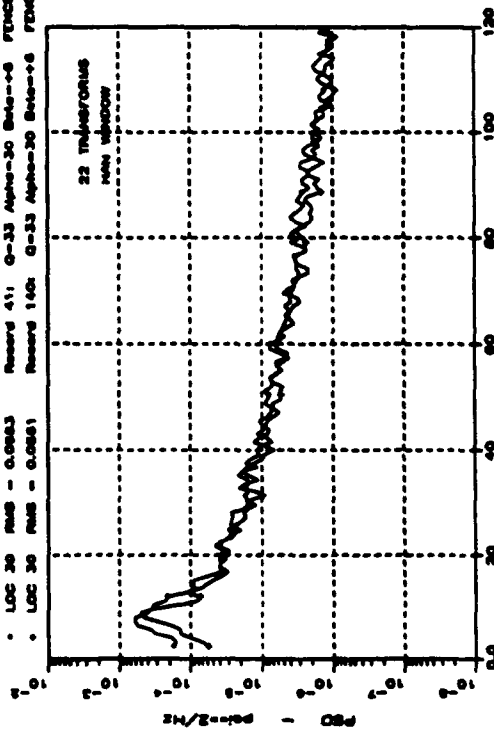


FREQUENCY - HZ

DELTA F = 0.700

F-18 Tail Buffet Test

• LOC 20 RMS = 0.0003 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
• LOC 20 RMS = 0.0081 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON

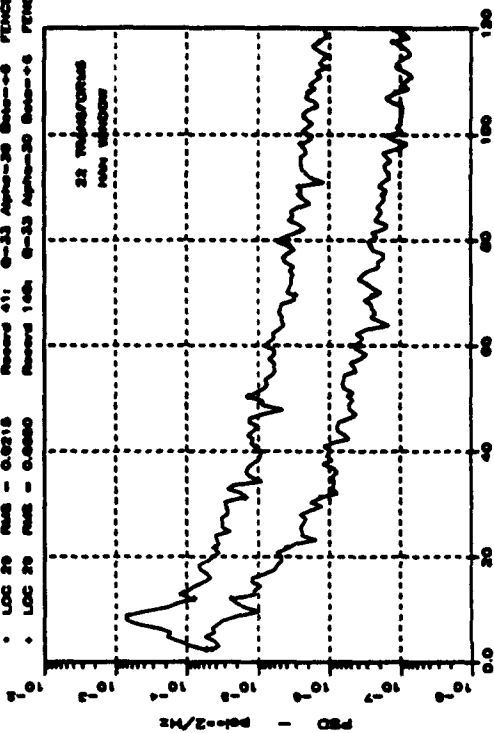


FREQUENCY - HZ

DELTA F = 0.700

F-18 Tail Buffet Test

• LOC 20 RMS = 0.0215 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
• LOC 20 RMS = 0.0080 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON

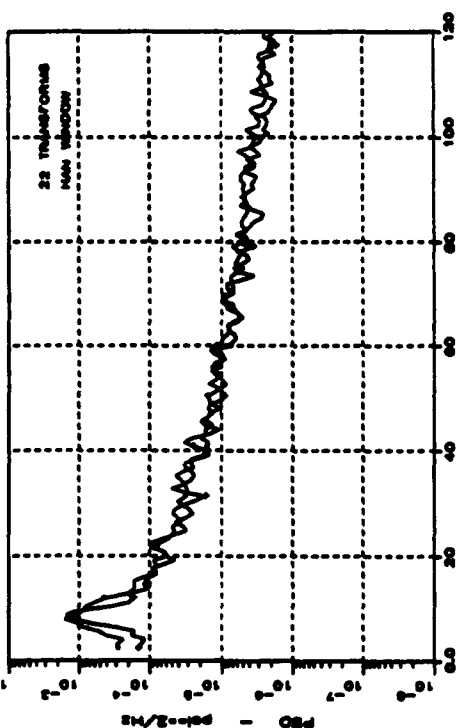


FREQUENCY - HZ

DELTA F = 0.700

# F-16 Tail Buffet Test

LOC 36 RMS = 0.0874 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
LOC 36 RMS = 0.0834 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON

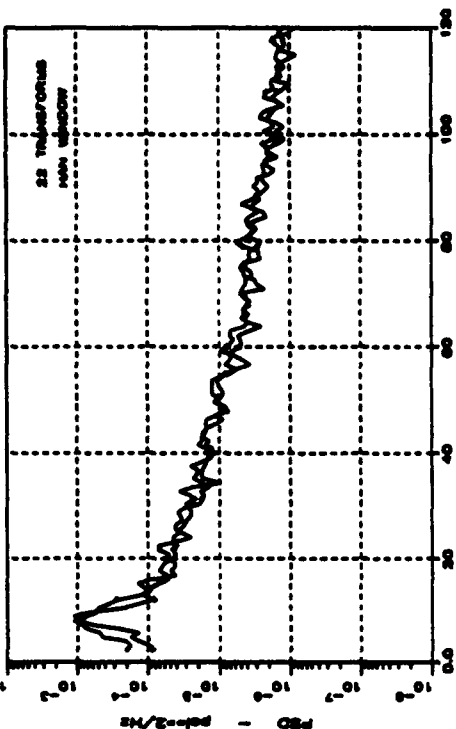


FREQUENCY - HZ

DELTA F = 0.700

# F-16 Tail Buffet Test

LOC 36 RMS = 0.0831 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
LOC 36 RMS = 0.0726 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON

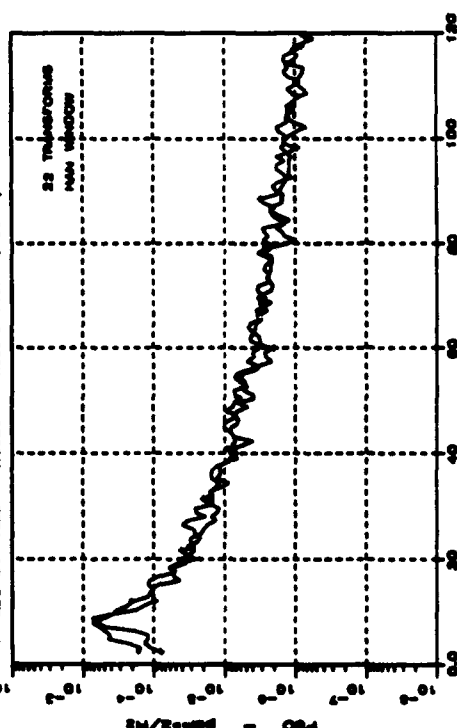


FREQUENCY - HZ

DELTA F = 0.700

# F-16 Tail Buffet Test

LOC 34 RMS = 0.0720 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
LOC 34 RMS = 0.0830 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON

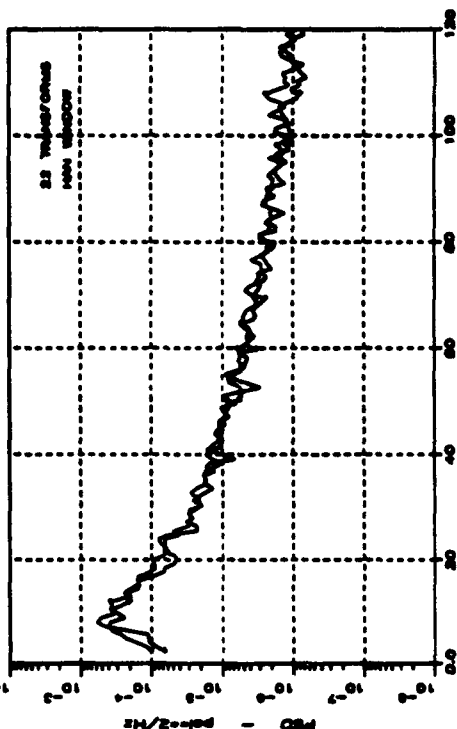


FREQUENCY - HZ

DELTA F = 0.700

# F-16 Tail Buffet Test

LOC 33 RMS = 0.0710 Record 41: Q-33 Alpha-30 Beta-+6 FENCE OFF  
LOC 33 RMS = 0.0863 Record 140: Q-33 Alpha-30 Beta-+6 FENCE ON



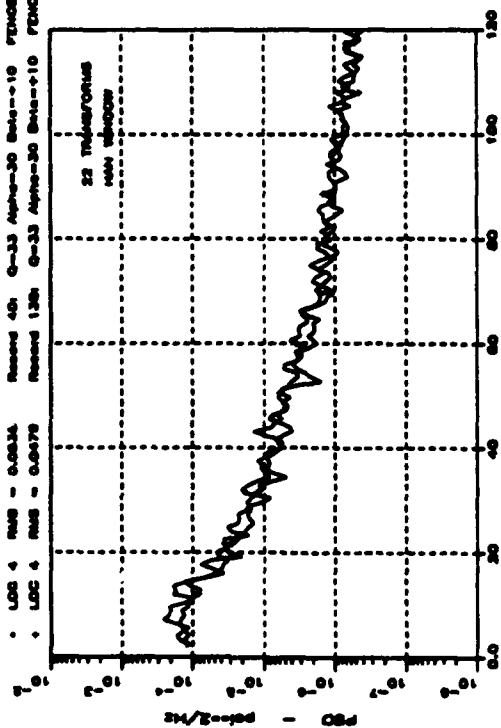
FREQUENCY - HZ

DELTA F = 0.700



# F-18 Tail Buffet Test

LOC 4 RMS = 0.0434 Record 40: Q=33 Alpha=30 Beta=10 FENCE OFF  
LOC 4 RMS = 0.0476 Record 120: Q=33 Alpha=30 Beta=10 FENCE ON

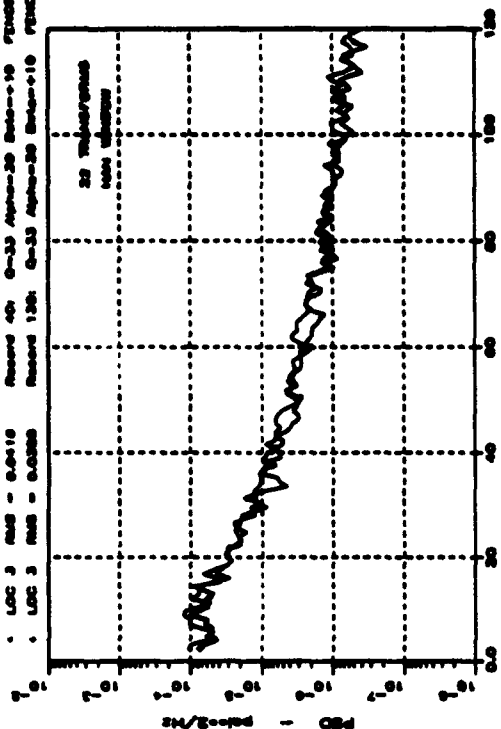


FREQUENCY - Hz

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 2 RMS = 0.0410 Record 40: Q=33 Alpha=30 Beta=10 FENCE OFF  
LOC 3 RMS = 0.0386 Record 120: Q=33 Alpha=30 Beta=10 FENCE ON

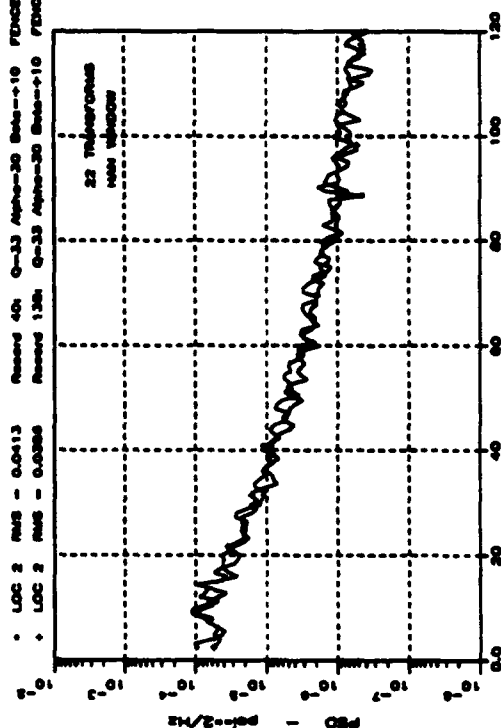


FREQUENCY - Hz

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 2 RMS = 0.0413 Record 40: Q=33 Alpha=30 Beta=10 FENCE OFF  
LOC 2 RMS = 0.0386 Record 120: Q=33 Alpha=30 Beta=10 FENCE ON

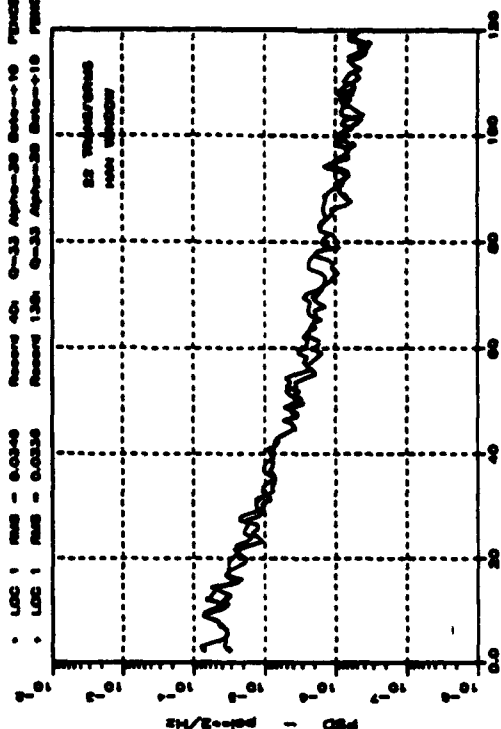


FREQUENCY - Hz

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 1 RMS = 0.0340 Record 40: Q=33 Alpha=30 Beta=10 FENCE OFF  
LOC 1 RMS = 0.0336 Record 120: Q=33 Alpha=30 Beta=10 FENCE ON

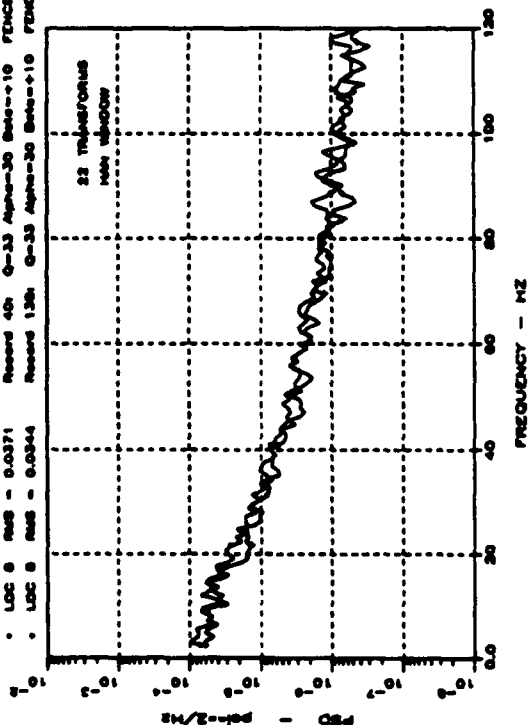


FREQUENCY - Hz

DELTA F = 0.798

# F-16 Tail Buffet Test

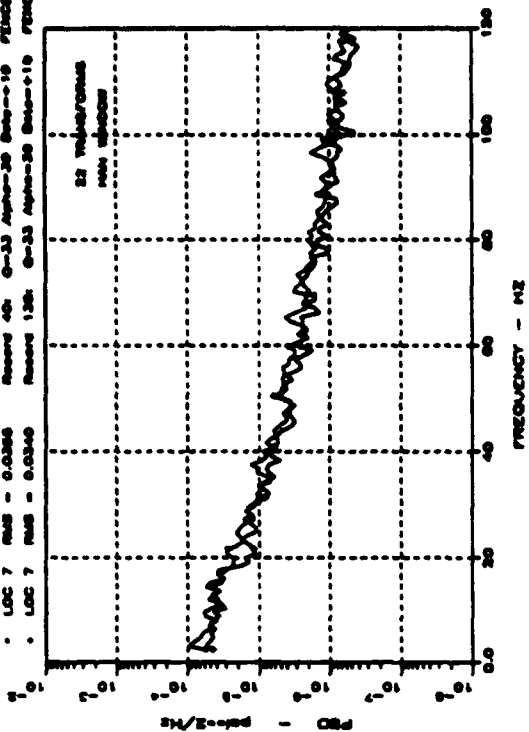
• LOC 8 RMS = 0.0371 Record 40: Q-33 Alpha-30 Beta=+10 FENCE OFF  
 • LOC 8 RMS = 0.0344 Record 120: Q-33 Alpha-30 Beta=+10 FENCE ON



DELTA F = 0.700

# F-16 Tail Buffet Test

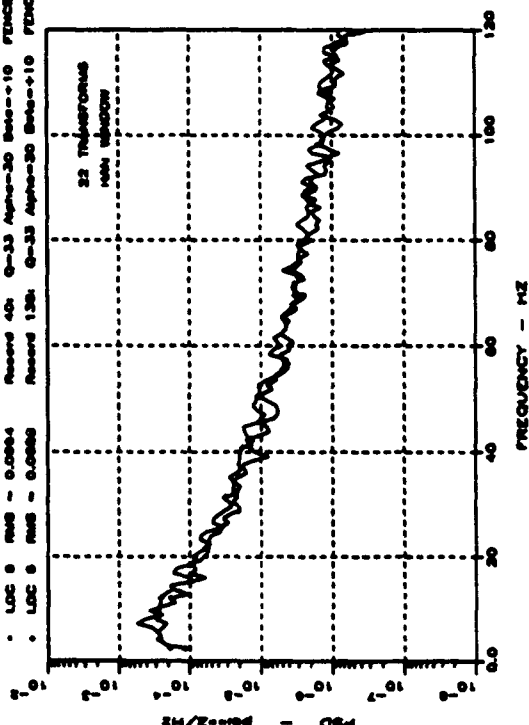
• LOC 7 RMS = 0.0366 Record 40: Q-33 Alpha-30 Beta=+10 FENCE OFF  
 • LOC 7 RMS = 0.0340 Record 120: Q-33 Alpha-30 Beta=+10 FENCE ON



DELTA F = 0.700

# F-16 Tail Buffet Test

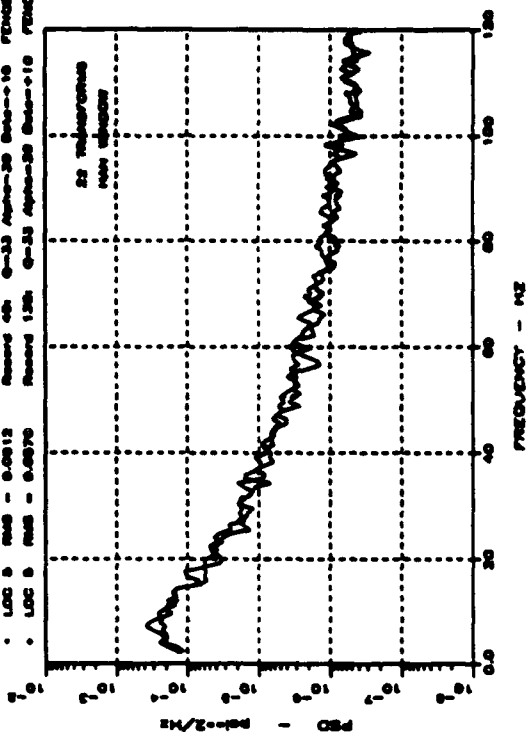
• LOC 8 RMS = 0.0064 Record 40: Q-33 Alpha-30 Beta=+10 FENCE OFF  
 • LOC 8 RMS = 0.0060 Record 120: Q-33 Alpha-30 Beta=+10 FENCE ON



DELTA F = 0.700

# F-16 Tail Buffet Test

• LOC 8 RMS = 0.0012 Record 40: Q-33 Alpha-30 Beta=+10 FENCE OFF  
 • LOC 8 RMS = 0.0070 Record 120: Q-33 Alpha-30 Beta=+10 FENCE ON

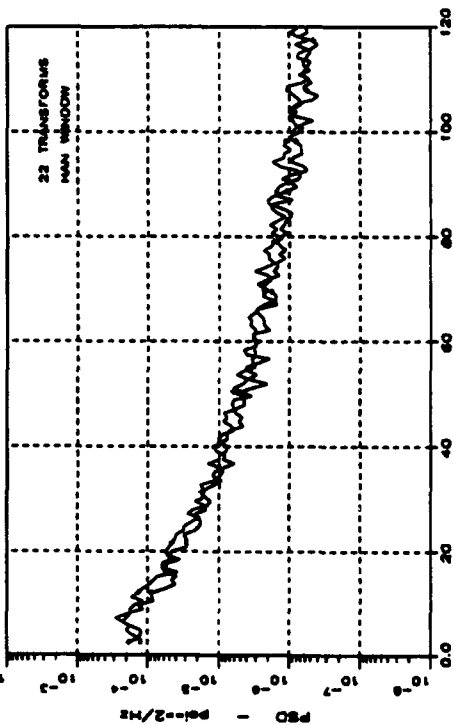


DELTA F = 0.700



F-18 Tail Buffet Test

• LOC 12 RMS = 0.0806 Record 40: Q=33 Alpha=30 Beta=+10 FENCE OFF  
• LOC 12 RMS = 0.0833 Record 138: Q=33 Alpha=30 Beta=+10 FENCE ON

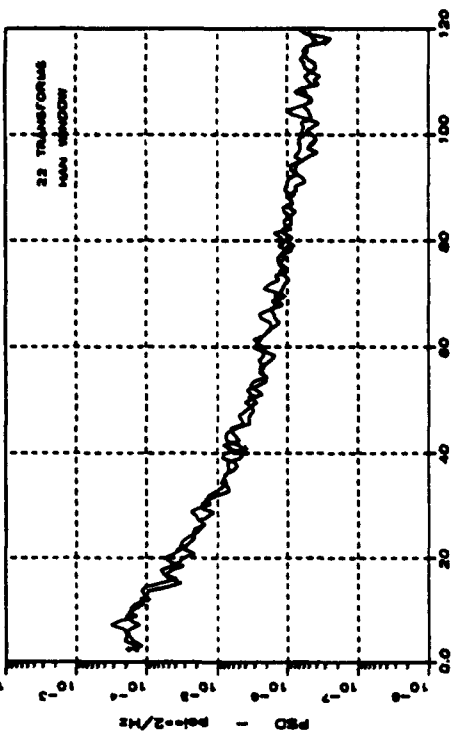


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

• LOC 11 RMS = 0.0823 Record 40: Q=33 Alpha=30 Beta=+10 FENCE OFF  
• LOC 11 RMS = 0.0814 Record 138: Q=33 Alpha=30 Beta=+10 FENCE ON

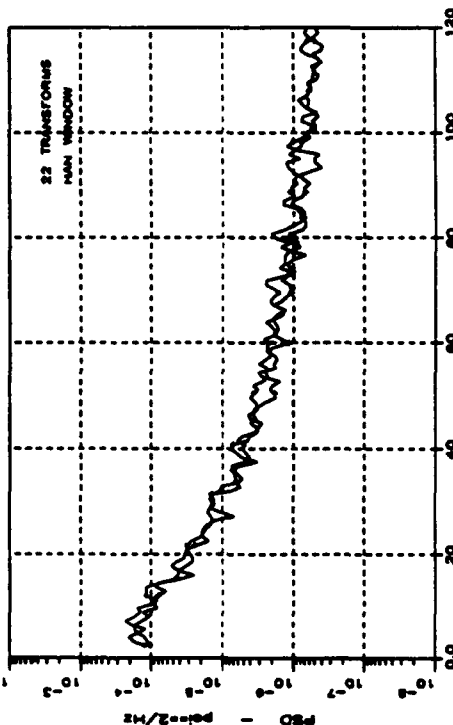


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

• LOC 10 RMS = 0.0485 Record 40: Q=33 Alpha=30 Beta=+10 FENCE OFF  
• LOC 10 RMS = 0.0447 Record 138: Q=33 Alpha=30 Beta=+10 FENCE ON

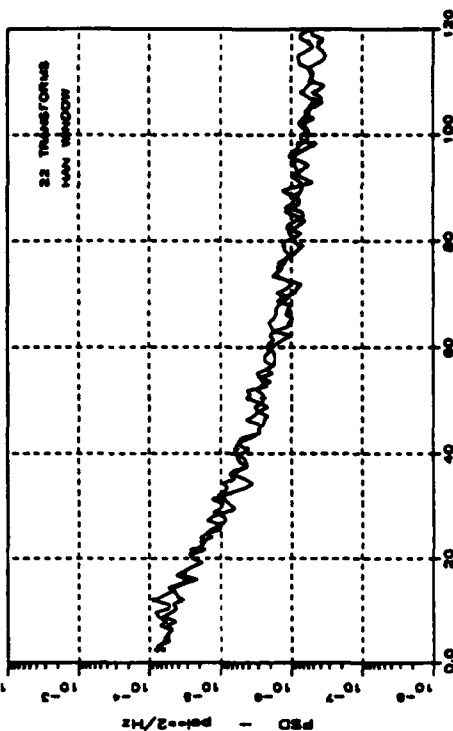


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

• LOC 9 RMS = 0.0381 Record 40: Q=33 Alpha=30 Beta=+10 FENCE OFF  
• LOC 9 RMS = 0.0341 Record 138: Q=33 Alpha=30 Beta=+10 FENCE ON

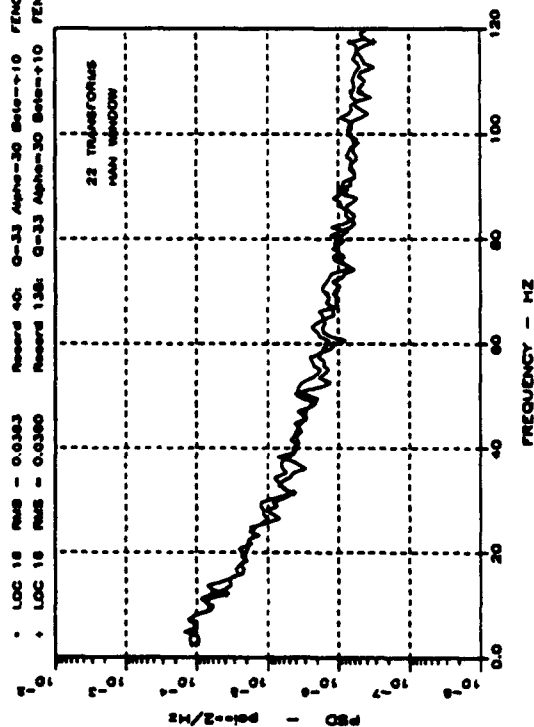


FREQUENCY - HZ

DELTA F = 0.798

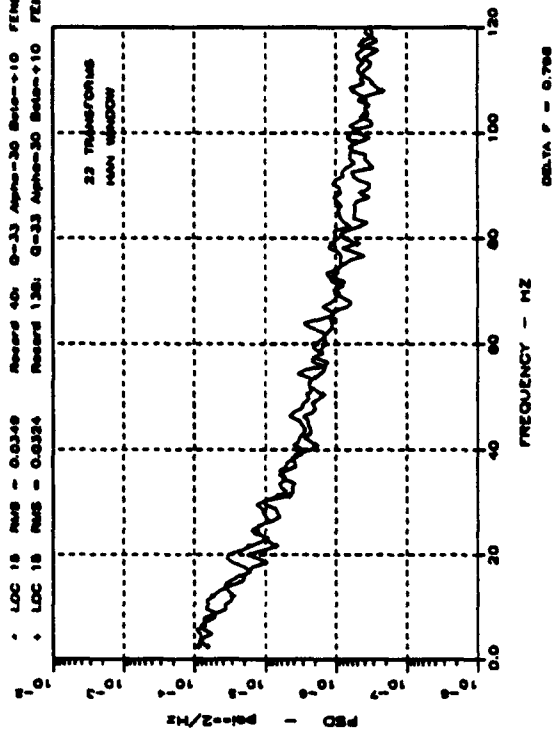
F-16 Tail Buffet Test

• LOC 16 RMS = 0.0383 Record 40: Q=33 Alpha=30 Beta=+10 FENCE OFF  
 • LOC 16 RMS = 0.0380 Record 138: Q=33 Alpha=30 Beta=+10 FENCE ON



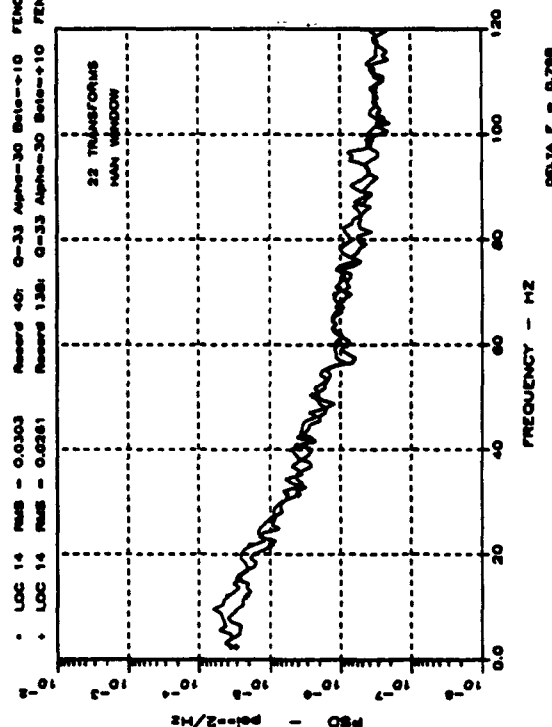
F-16 Tail Buffet Test

• LOC 16 RMS = 0.0349 Record 40: Q=33 Alpha=30 Beta=+10 FENCE OFF  
 • LOC 16 RMS = 0.0324 Record 138: Q=33 Alpha=30 Beta=+10 FENCE ON



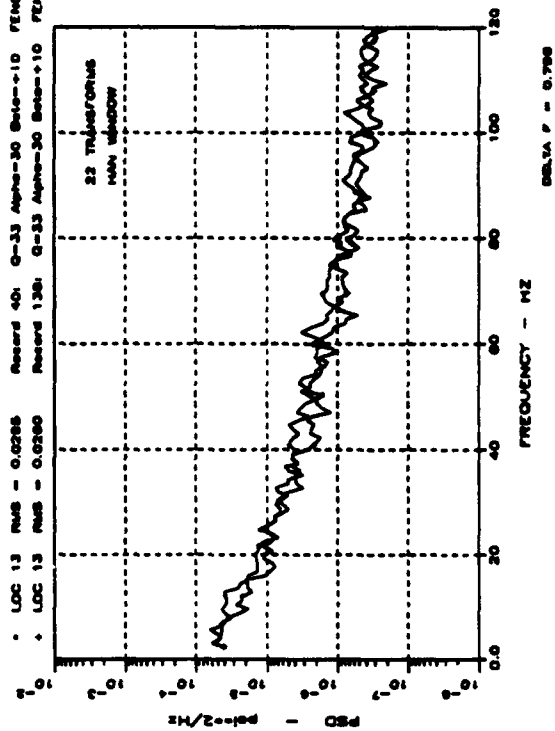
F-16 Tail Buffet Test

• LOC 14 RMS = 0.0303 Record 40: Q=33 Alpha=30 Beta=+10 FENCE OFF  
 • LOC 14 RMS = 0.0281 Record 138: Q=33 Alpha=30 Beta=+10 FENCE ON



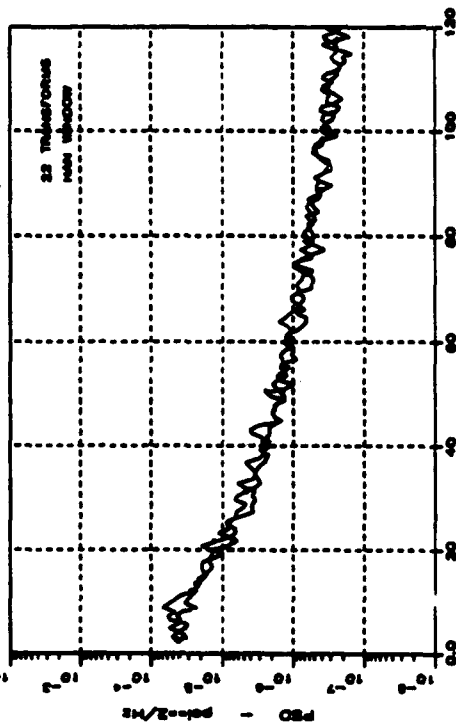
F-16 Tail Buffet Test

• LOC 13 RMS = 0.0286 Record 40: Q=33 Alpha=30 Beta=+10 FENCE OFF  
 • LOC 13 RMS = 0.0280 Record 138: Q=33 Alpha=30 Beta=+10 FENCE ON



# F-16 Tail Buffet Test

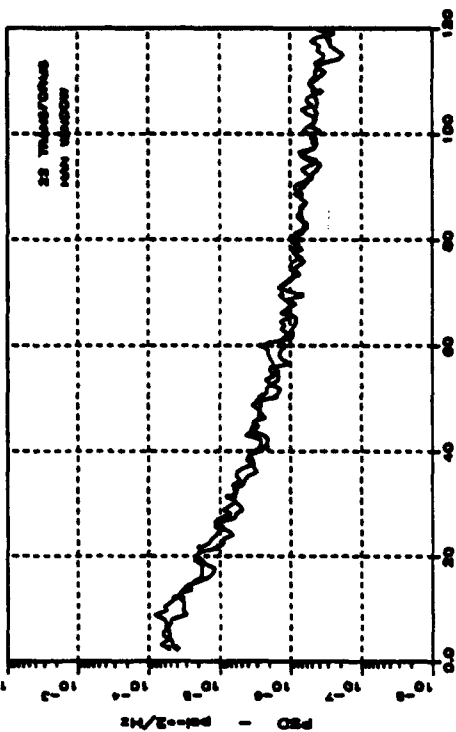
LOC 20 RMS = 0.0383 Record 40: Q-33 Alpha-30 Beta-10 FENCE OFF  
LOC 20 RMS = 0.0380 Record 130: Q-33 Alpha-30 Beta-10 FENCE ON



DELTA F = 0.750

# F-16 Tail Buffet Test

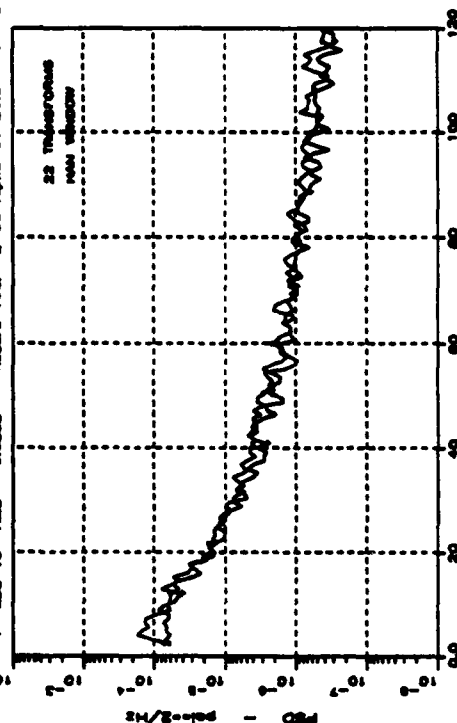
LOC 19 RMS = 0.0322 Record 40: Q-33 Alpha-30 Beta-10 FENCE OFF  
LOC 19 RMS = 0.0281 Record 130: Q-33 Alpha-30 Beta-10 FENCE ON



DELTA F = 0.750

# F-16 Tail Buffet Test

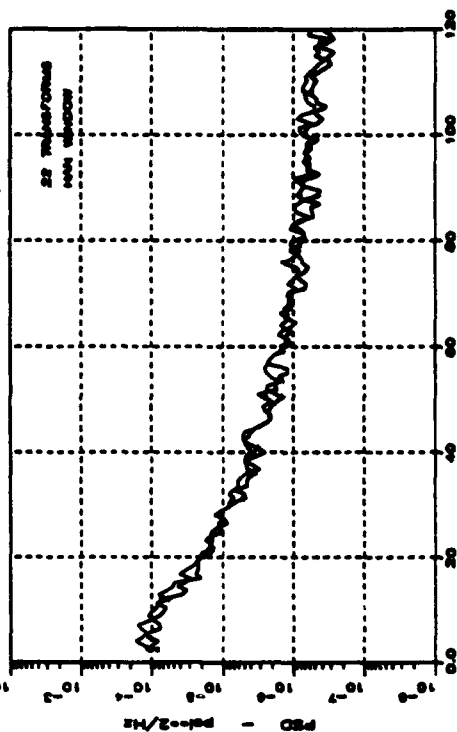
LOC 18 RMS = 0.0391 Record 40: Q-33 Alpha-30 Beta-10 FENCE OFF  
LOC 18 RMS = 0.0389 Record 130: Q-33 Alpha-30 Beta-10 FENCE ON



DELTA F = 0.750

# F-16 Tail Buffet Test

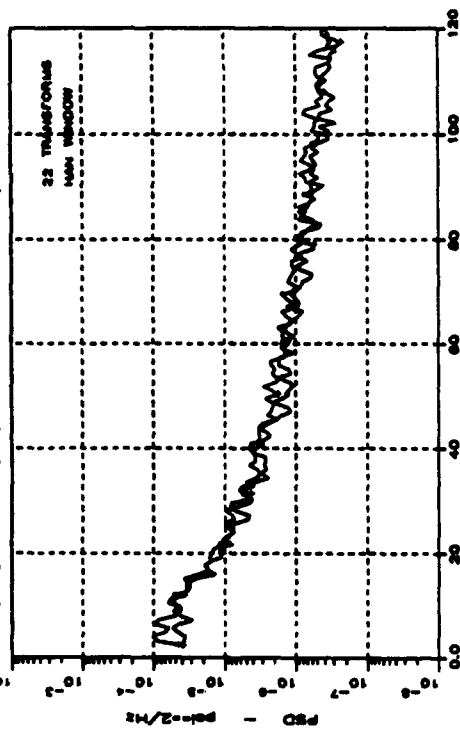
LOC 17 RMS = 0.0407 Record 40: Q-33 Alpha-30 Beta-10 FENCE OFF  
LOC 17 RMS = 0.0383 Record 130: Q-33 Alpha-30 Beta-10 FENCE ON



DELTA F = 0.750

# F-16 Tail Buffet Test

LOC 24 RMS = 0.0306 Record 40: Q-33 Alpha-30 Beta=+10 FENCE OFF  
LOC 24 RMS = 0.0281 Record 136: Q-33 Alpha-30 Beta=+10 FENCE ON

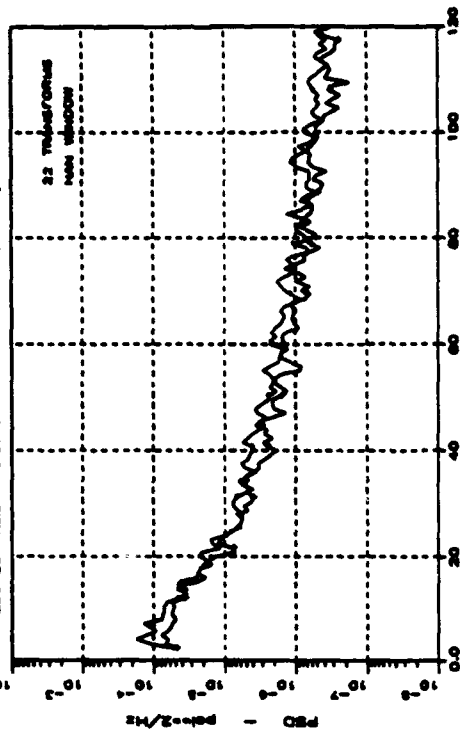


FREQUENCY - HZ

DELTA F = 0.700

# F-16 Tail Buffet Test

LOC 23 RMS = 0.0379 Record 40: Q-33 Alpha-30 Beta=+10 FENCE OFF  
LOC 23 RMS = 0.0317 Record 136: Q-33 Alpha-30 Beta=+10 FENCE ON

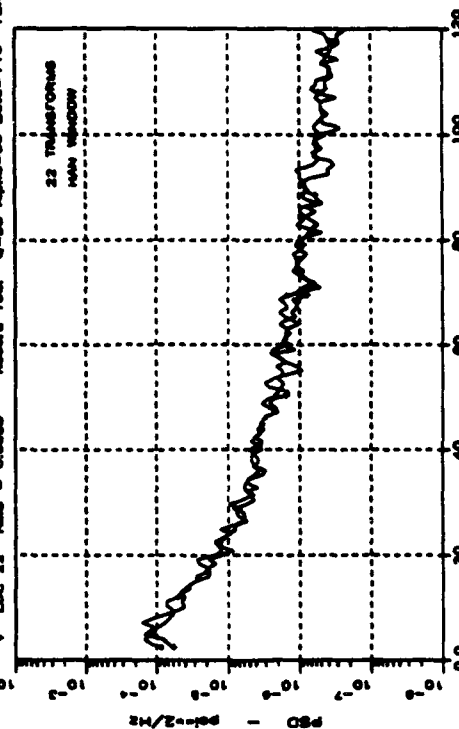


FREQUENCY - HZ

DELTA F = 0.700

# F-16 Tail Buffet Test

LOC 22 RMS = 0.0363 Record 40: Q-33 Alpha-30 Beta=+10 FENCE OFF  
LOC 22 RMS = 0.0366 Record 136: Q-33 Alpha-30 Beta=+10 FENCE ON

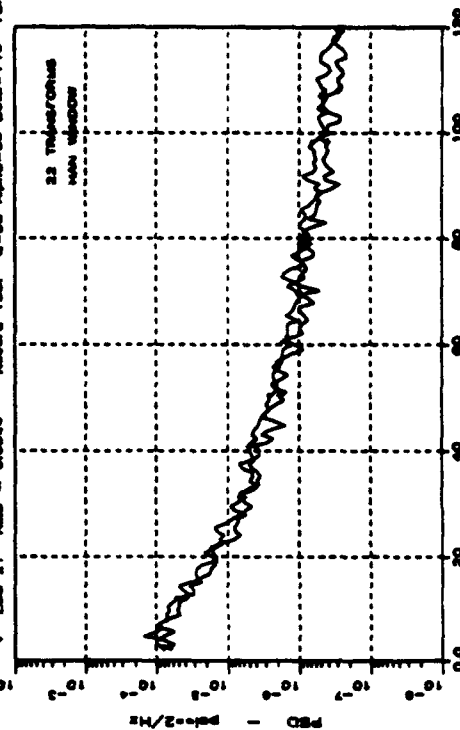


FREQUENCY - HZ

DELTA F = 0.700

# F-16 Tail Buffet Test

LOC 21 RMS = 0.0361 Record 40: Q-33 Alpha-30 Beta=+10 FENCE OFF  
LOC 21 RMS = 0.0344 Record 136: Q-33 Alpha-30 Beta=+10 FENCE ON

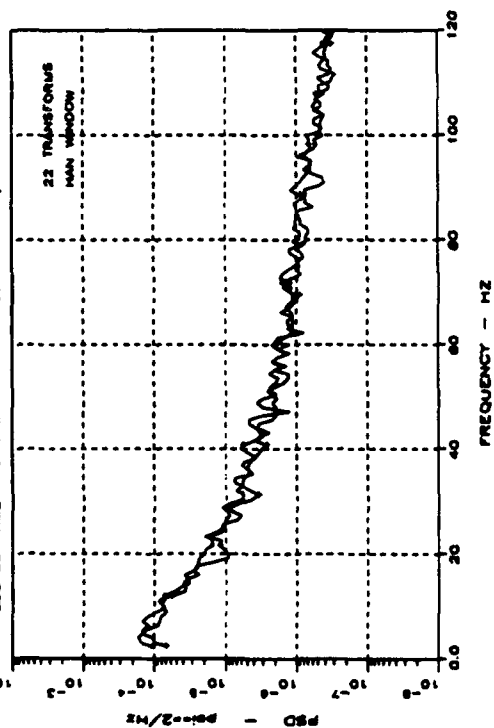


FREQUENCY - HZ

DELTA F = 0.700

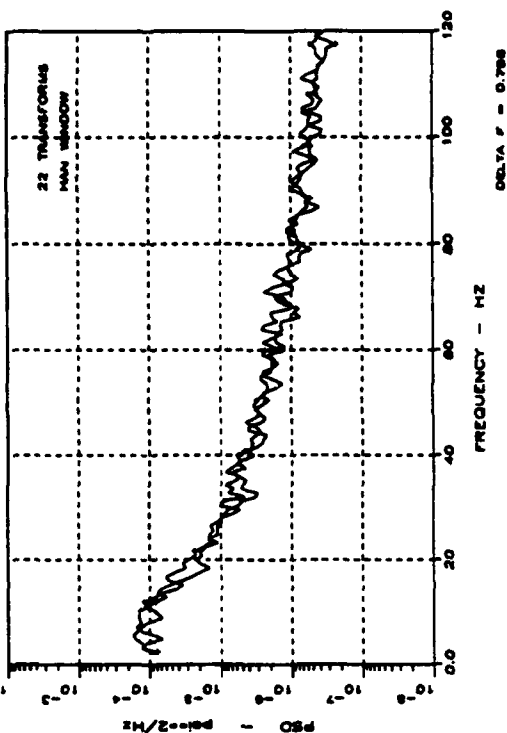
F-16 Tail Buffet Test

LOC 26 RMS = 0.0418 Record 40: Q-33 Alpha-30 Beta=+10 FENCE OFF  
LOC 26 RMS = 0.0372 Record 138: Q-33 Alpha-30 Beta=+10 FENCE ON



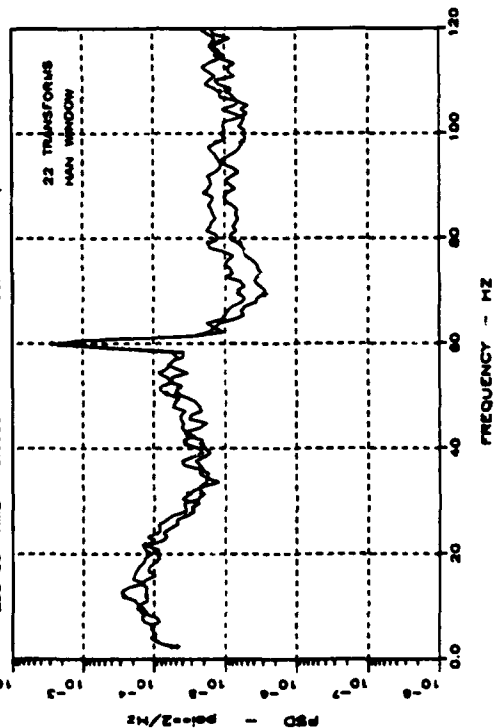
F-16 Tail Buffet Test

LOC 27 RMS = 0.0441 Record 40: Q-33 Alpha-30 Beta=+10 FENCE OFF  
LOC 27 RMS = 0.0422 Record 138: Q-33 Alpha-30 Beta=+10 FENCE ON



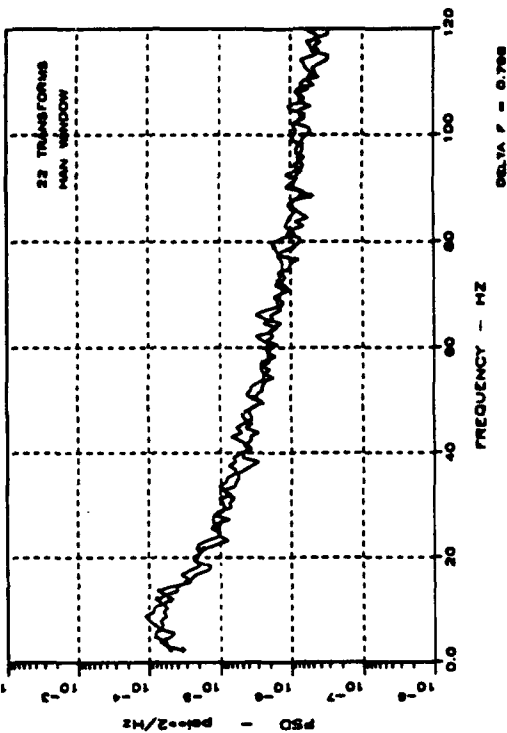
F-16 Tail Buffet Test

LOC 26 RMS = 0.0387 Record 40: Q-33 Alpha-30 Beta=+10 FENCE OFF  
LOC 26 RMS = 0.0382 Record 138: Q-33 Alpha-30 Beta=+10 FENCE ON



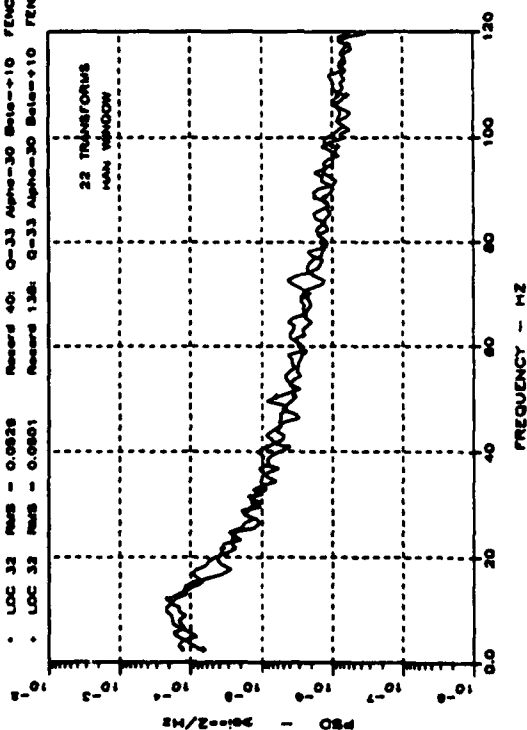
F-16 Tail Buffet Test

LOC 26 RMS = 0.0368 Record 40: Q-33 Alpha-30 Beta=+10 FENCE OFF  
LOC 26 RMS = 0.0348 Record 138: Q-33 Alpha-30 Beta=+10 FENCE ON



F-18 Tail Buffet Test

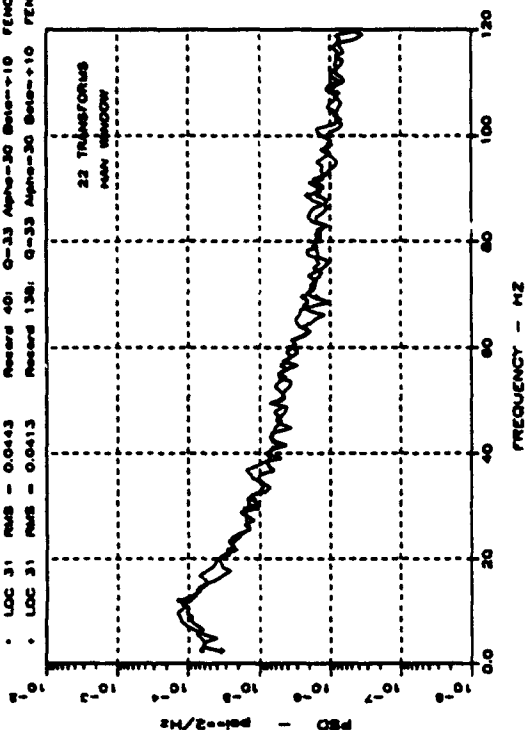
• LOC 32 RMS = 0.0826 Record 40: Q-33 Alpha-30 Beta=+10 FENCE OFF  
 • LOC 32 RMS = 0.0801 Record 136: Q-33 Alpha-30 Beta=+10 FENCE ON



DELTA F = 0.798

F-18 Tail Buffet Test

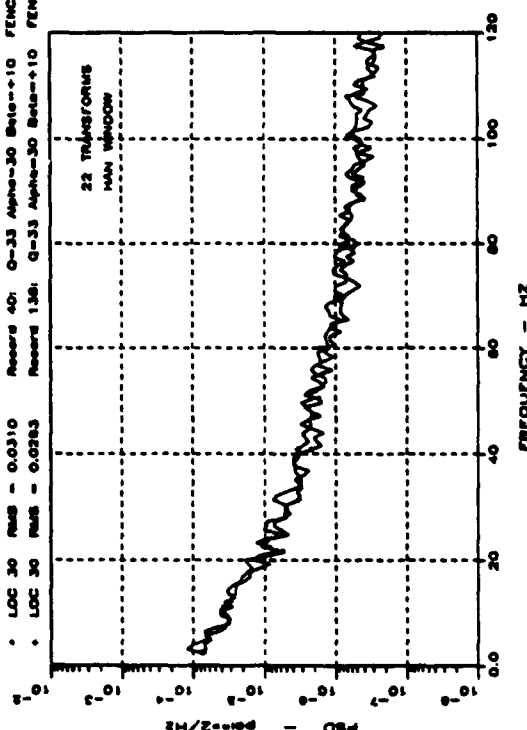
• LOC 31 RMS = 0.0443 Record 40: Q-33 Alpha-30 Beta=+10 FENCE OFF  
 • LOC 31 RMS = 0.0413 Record 136: Q-33 Alpha-30 Beta=+10 FENCE ON



DELTA F = 0.798

F-18 Tail Buffet Test

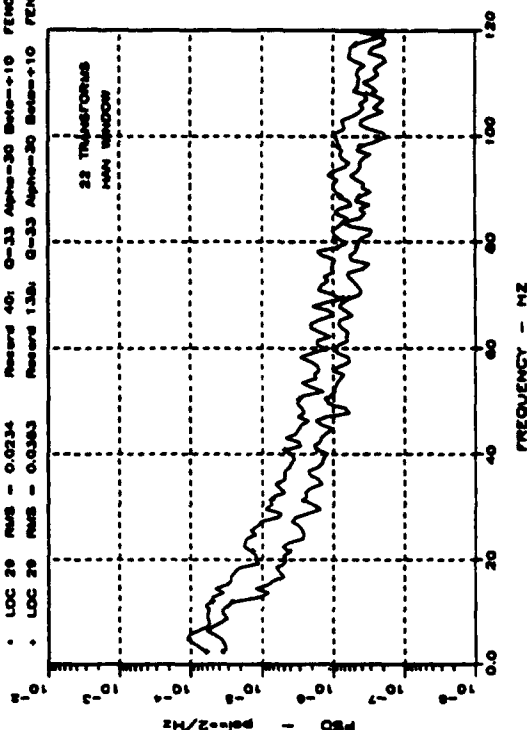
• LOC 30 RMS = 0.0310 Record 40: Q-33 Alpha-30 Beta=+10 FENCE OFF  
 • LOC 30 RMS = 0.0283 Record 136: Q-33 Alpha-30 Beta=+10 FENCE ON



DELTA F = 0.798

F-18 Tail Buffet Test

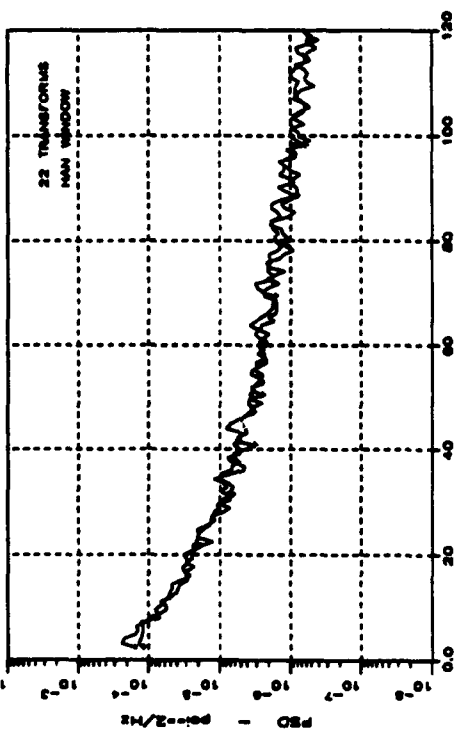
• LOC 29 RMS = 0.0234 Record 40: Q-33 Alpha-30 Beta=+10 FENCE OFF  
 • LOC 29 RMS = 0.0203 Record 136: Q-33 Alpha-30 Beta=+10 FENCE ON



DELTA F = 0.798

F-18 Tail Buffet Test

• LOC 34 RMS = 0.0437 Record 40: Q-33 Alpha-30 Beta-10 FENCE OFF  
• LOC 35 RMS = 0.0410 Record 130: Q-33 Alpha-30 Beta-10 FENCE ON

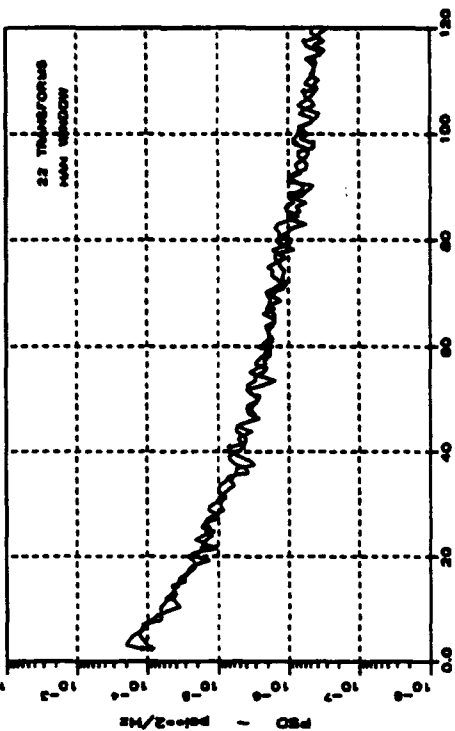


FREQUENCY - HZ

DELTA F = 0.750

F-18 Tail Buffet Test

• LOC 34 RMS = 0.0409 Record 40: Q-33 Alpha-30 Beta-10 FENCE OFF  
• LOC 35 RMS = 0.0399 Record 130: Q-33 Alpha-30 Beta-10 FENCE ON

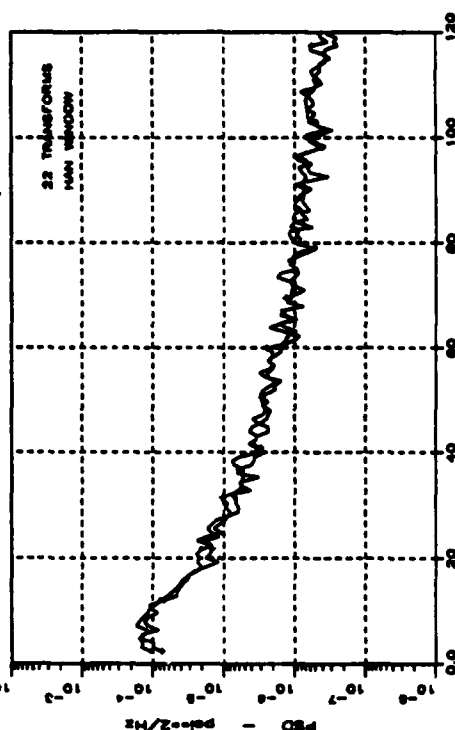


FREQUENCY - HZ

DELTA F = 0.750

F-18 Tail Buffet Test

• LOC 34 RMS = 0.0437 Record 40: Q-33 Alpha-30 Beta-10 FENCE OFF  
• LOC 35 RMS = 0.0407 Record 130: Q-33 Alpha-30 Beta-10 FENCE ON

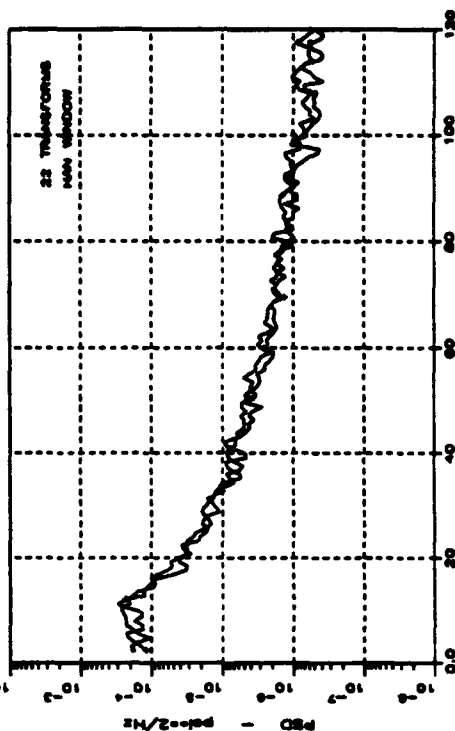


FREQUENCY - HZ

DELTA F = 0.750

F-18 Tail Buffet Test

• LOC 34 RMS = 0.0373 Record 40: Q-33 Alpha-30 Beta-10 FENCE OFF  
• LOC 35 RMS = 0.0344 Record 130: Q-33 Alpha-30 Beta-10 FENCE ON



FREQUENCY - HZ

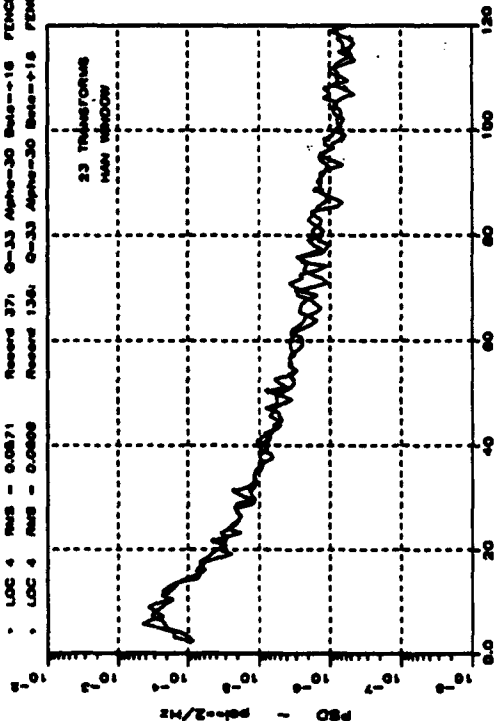
DELTA F = 0.750





F-18 Tail Buffet Test

LOC 4 RMS = 0.0371 Record 37: Q-33 Alpha-30 Beta-16 FENCE OFF  
LOC 4 RMS = 0.0300 Record 134: Q-33 Alpha-30 Beta-16 FENCE ON

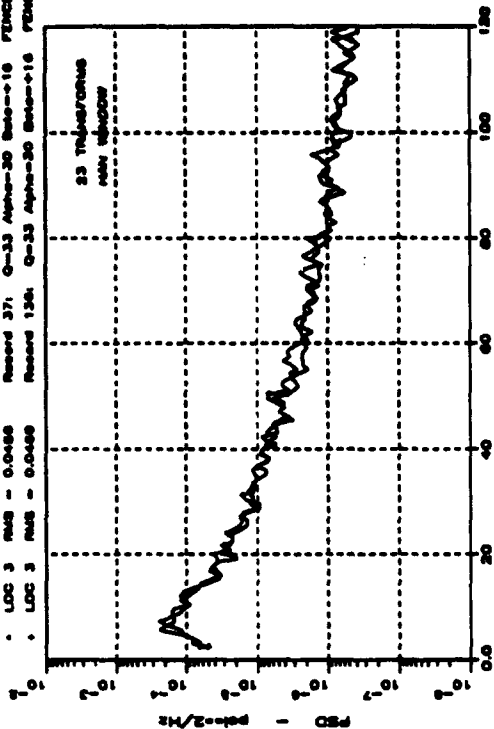


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

LOC 3 RMS = 0.0466 Record 37: Q-33 Alpha-30 Beta-16 FENCE OFF  
LOC 3 RMS = 0.0460 Record 134: Q-33 Alpha-30 Beta-16 FENCE ON

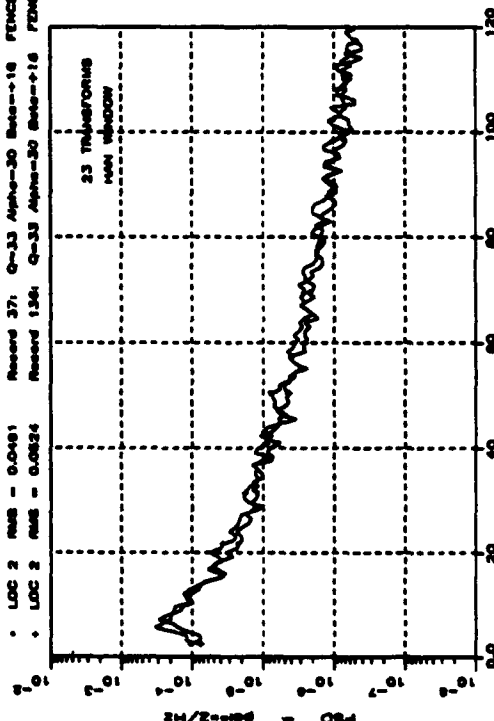


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

LOC 2 RMS = 0.0481 Record 37: Q-33 Alpha-30 Beta-16 FENCE OFF  
LOC 2 RMS = 0.0324 Record 134: Q-33 Alpha-30 Beta-16 FENCE ON

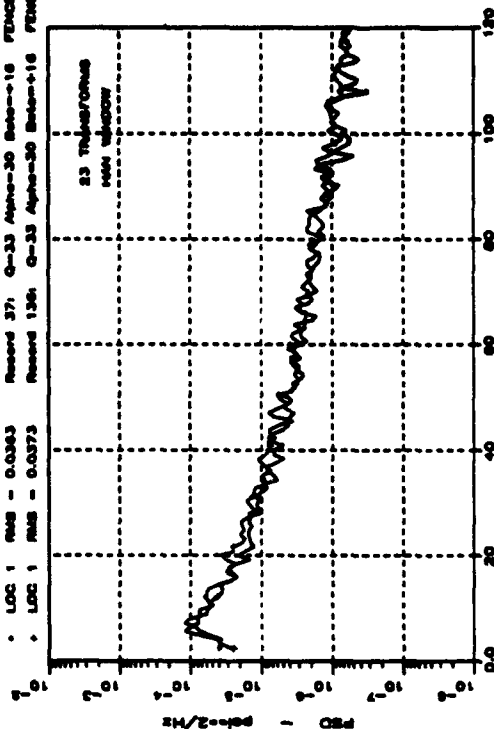


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

LOC 1 RMS = 0.0363 Record 37: Q-33 Alpha-30 Beta-16 FENCE OFF  
LOC 1 RMS = 0.0373 Record 134: Q-33 Alpha-30 Beta-16 FENCE ON

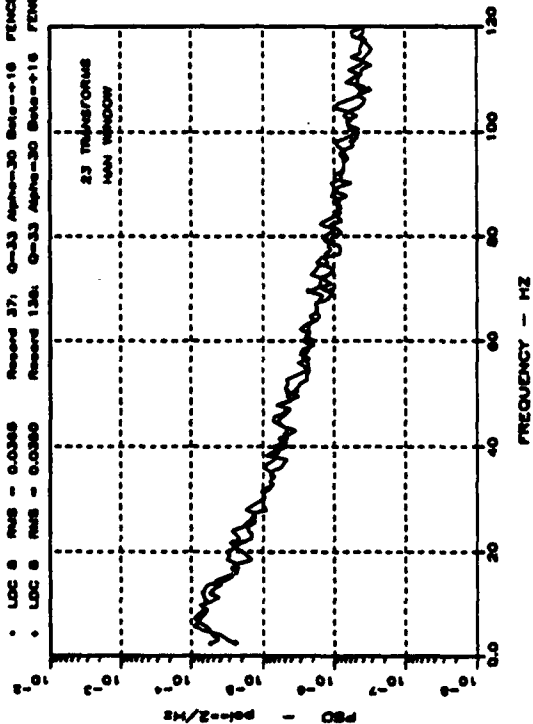


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 8 RMS = 0.0386 Record 37, Q=33 Alpha=30 Beta=+16 FENCE OFF  
 LOC 8 RMS = 0.0380 Record 126, Q=33 Alpha=30 Beta=+16 FENCE ON

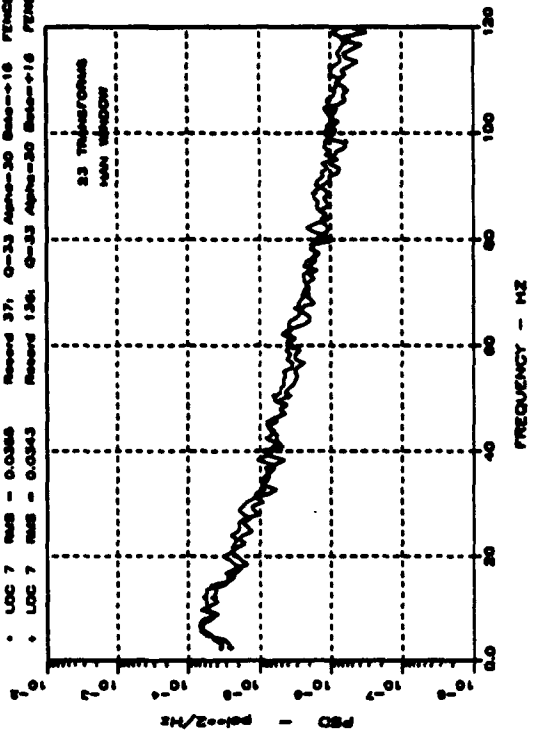


FREQUENCY - HZ

DELTA P = 0.700

# F-18 Tail Buffet Test

LOC 7 RMS = 0.0386 Record 37, Q=33 Alpha=30 Beta=+16 FENCE OFF  
 LOC 7 RMS = 0.0343 Record 126, Q=33 Alpha=30 Beta=+16 FENCE ON

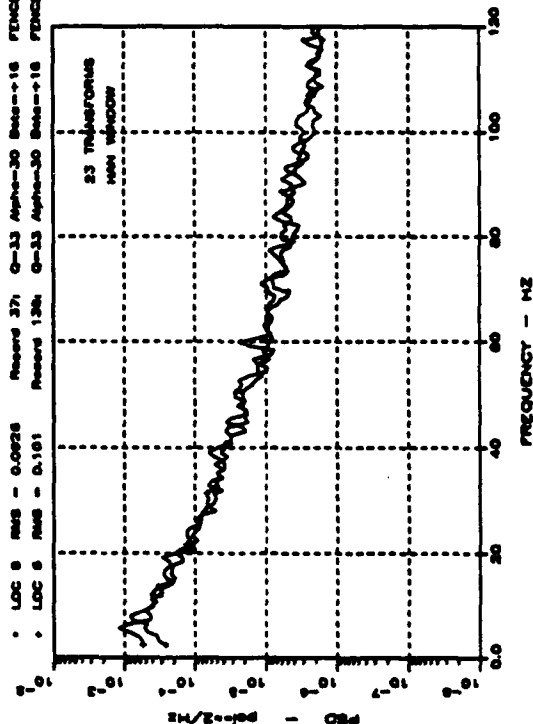


FREQUENCY - HZ

DELTA P = 0.700

# F-18 Tail Buffet Test

LOC 6 RMS = 0.0926 Record 37, Q=33 Alpha=30 Beta=+16 FENCE OFF  
 LOC 6 RMS = 0.101 Record 126, Q=33 Alpha=30 Beta=+16 FENCE ON

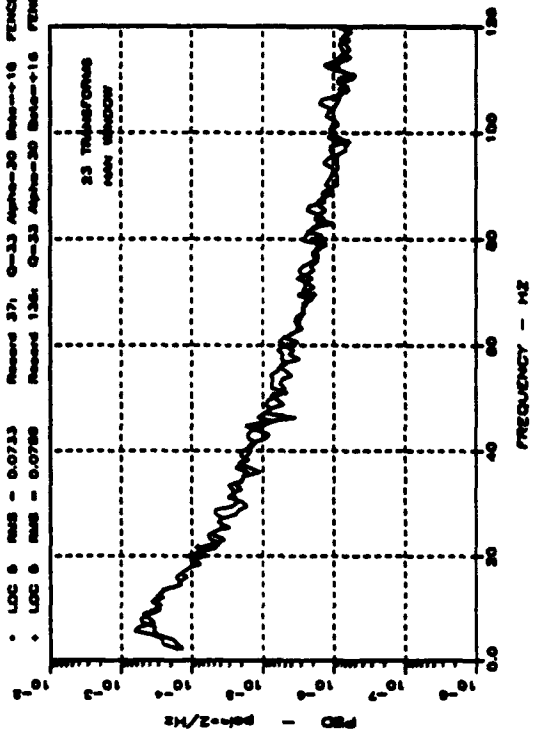


FREQUENCY - HZ

DELTA P = 0.700

# F-18 Tail Buffet Test

LOC 6 RMS = 0.0733 Record 37, Q=33 Alpha=30 Beta=+16 FENCE OFF  
 LOC 6 RMS = 0.0760 Record 126, Q=33 Alpha=30 Beta=+16 FENCE ON

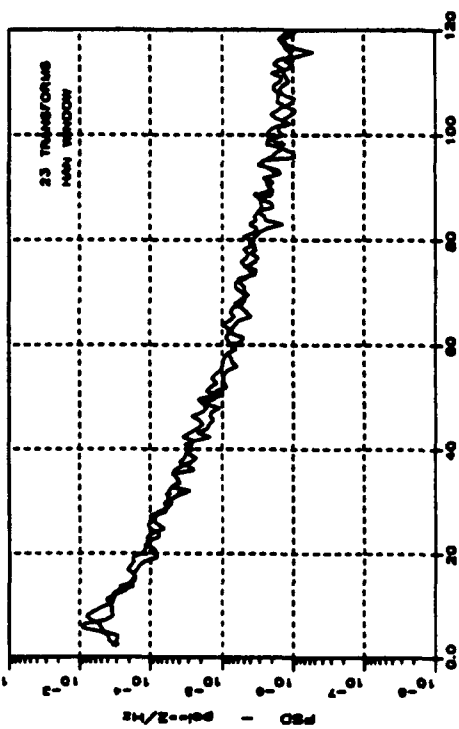


FREQUENCY - HZ

DELTA P = 0.700

# F-16 Tail Buffet Test

LOC 12 RMS = 0.0875 Record 37: Q-33 Alpha-30 Beta-16 FENCE OFF  
LOC 12 RMS = 0.0901 Record 134: Q-33 Alpha-30 Beta-16 FENCE ON

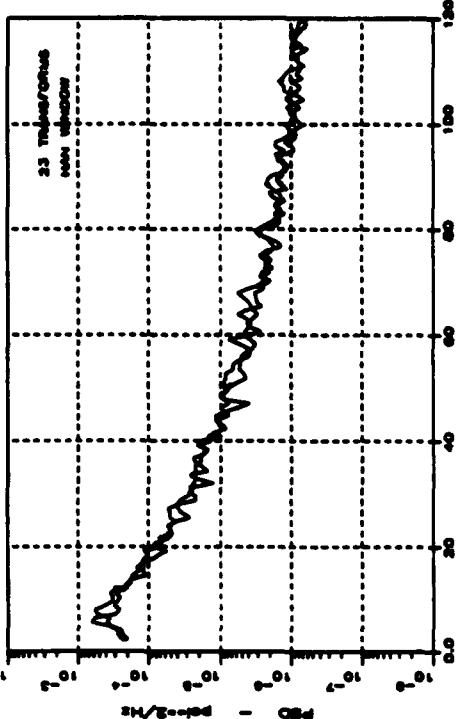


FREQUENCY - HZ

DELTA P = 0.700

# F-16 Tail Buffet Test

LOC 11 RMS = 0.0744 Record 37: Q-33 Alpha-30 Beta-16 FENCE OFF  
LOC 11 RMS = 0.0736 Record 134: Q-33 Alpha-30 Beta-16 FENCE ON

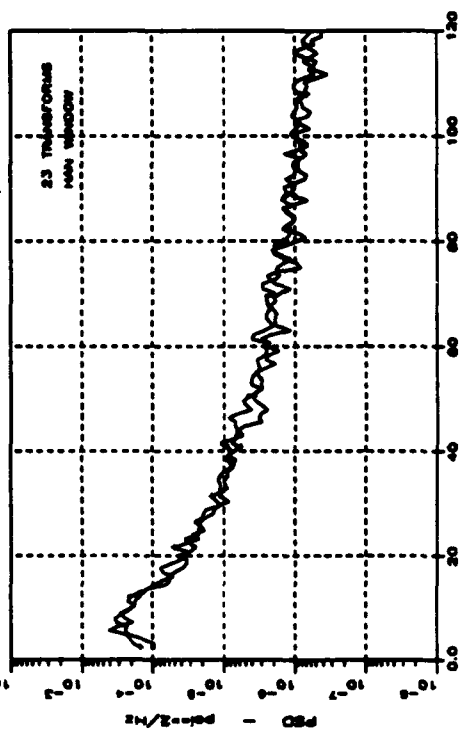


FREQUENCY - HZ

DELTA P = 0.700

# F-16 Tail Buffet Test

LOC 10 RMS = 0.0870 Record 37: Q-33 Alpha-30 Beta-16 FENCE OFF  
LOC 10 RMS = 0.0901 Record 134: Q-33 Alpha-30 Beta-16 FENCE ON

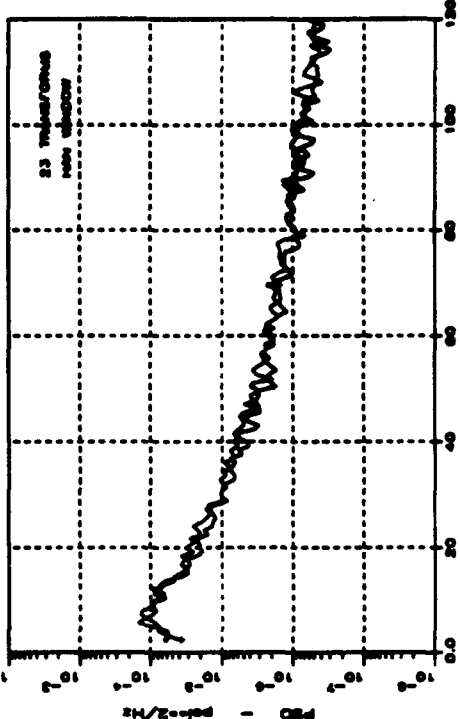


FREQUENCY - HZ

DELTA P = 0.700

# F-16 Tail Buffet Test

LOC 9 RMS = 0.0400 Record 37: Q-33 Alpha-30 Beta-16 FENCE OFF  
LOC 9 RMS = 0.0394 Record 134: Q-33 Alpha-30 Beta-16 FENCE ON

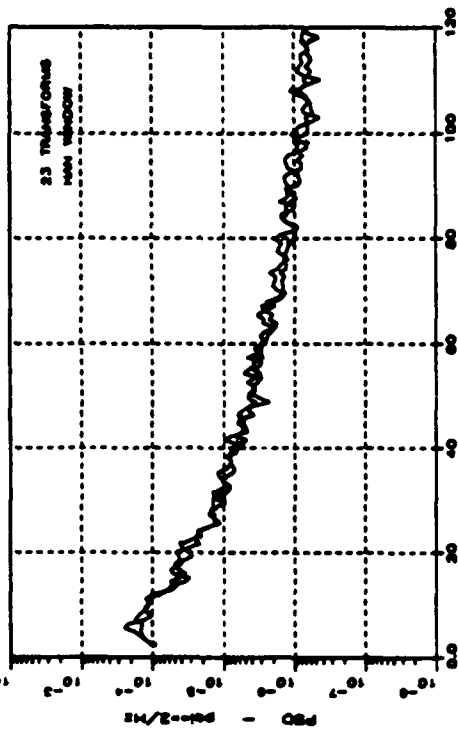


FREQUENCY - HZ

DELTA P = 0.700

# F-16 Tail Buffet Test

• LOC 16 RMS = 0.0466 Record 37: Q-33 Alpha-20 Beta-16 FENCE OFF  
• LOC 16 RMS = 0.0474 Record 136: Q-33 Alpha-20 Beta-16 FENCE ON

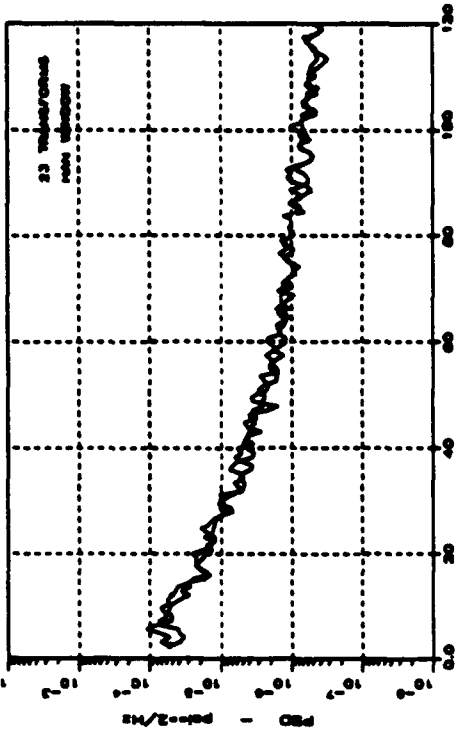


FREQUENCY - HZ

DELTA F = 0.7500

# F-16 Tail Buffet Test

• LOC 16 RMS = 0.0327 Record 37: Q-33 Alpha-20 Beta-16 FENCE OFF  
• LOC 16 RMS = 0.0331 Record 136: Q-33 Alpha-20 Beta-16 FENCE ON

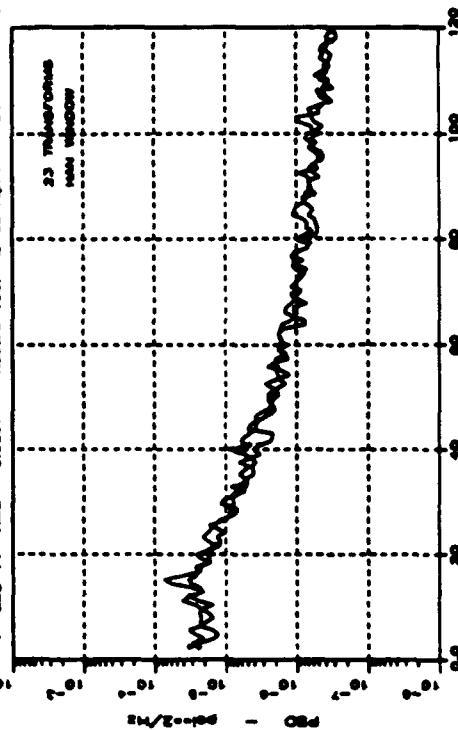


FREQUENCY - HZ

DELTA F = 0.7500

# F-16 Tail Buffet Test

• LOC 14 RMS = 0.0281 Record 37: Q-33 Alpha-20 Beta-16 FENCE OFF  
• LOC 14 RMS = 0.0287 Record 136: Q-33 Alpha-20 Beta-16 FENCE ON

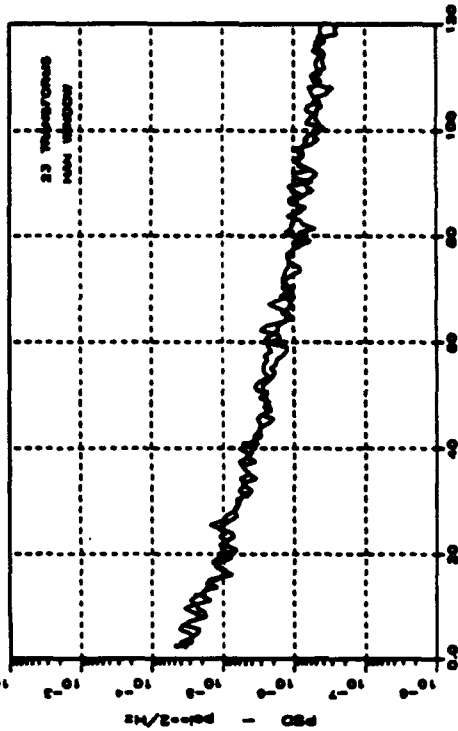


FREQUENCY - HZ

DELTA F = 0.7500

# F-16 Tail Buffet Test

• LOC 13 RMS = 0.0083 Record 37: Q-33 Alpha-20 Beta-16 FENCE OFF  
• LOC 13 RMS = 0.0080 Record 136: Q-33 Alpha-20 Beta-16 FENCE ON

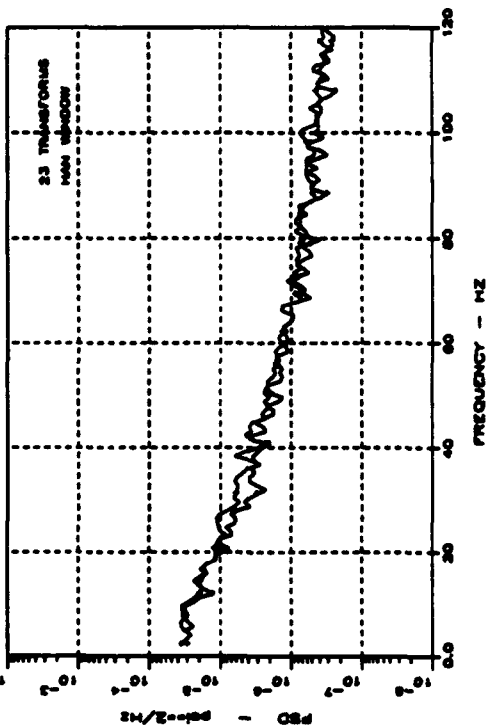


FREQUENCY - HZ

DELTA F = 0.7500

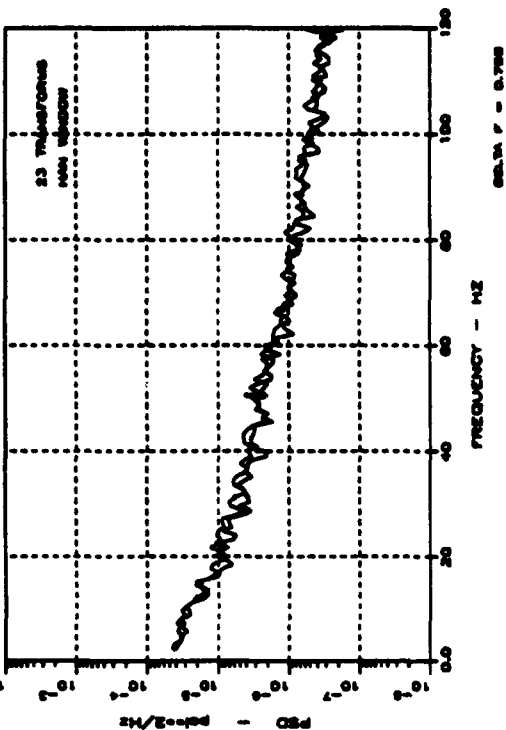
F-16 Tail Buffet Test

• LOC 20 RMS = 0.0244 Record 37: Q=33 Alpha=30 Beta=+16 FENCE OFF  
• LOC 20 RMS = 0.0260 Record 134: Q=33 Alpha=30 Beta=+16 FENCE ON



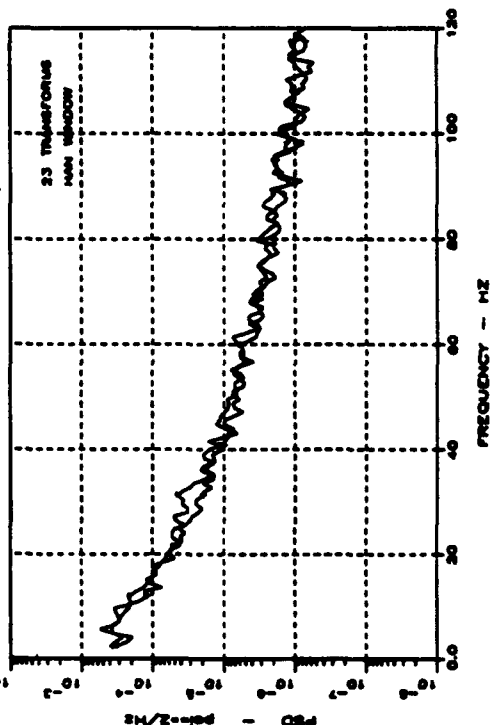
F-16 Tail Buffet Test

• LOC 10 RMS = 0.0061 Record 37: Q=33 Alpha=30 Beta=+16 FENCE OFF  
• LOC 10 RMS = 0.0066 Record 134: Q=33 Alpha=30 Beta=+16 FENCE ON



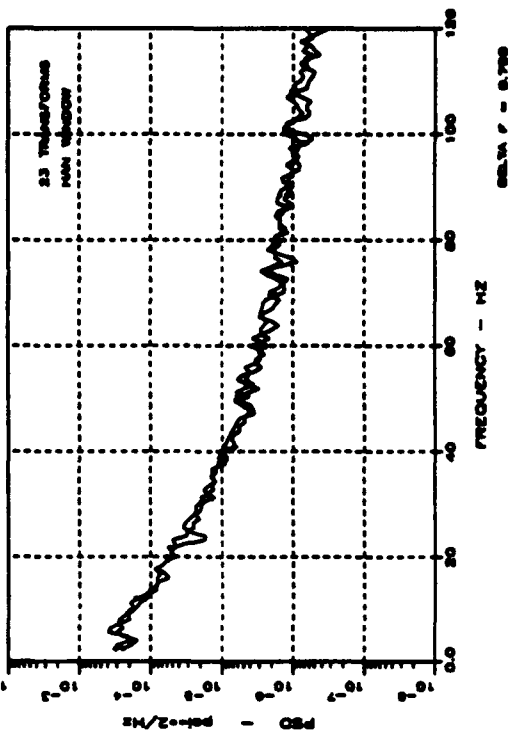
F-16 Tail Buffet Test

• LOC 18 RMS = 0.0092 Record 37: Q=33 Alpha=30 Beta=+16 FENCE OFF  
• LOC 18 RMS = 0.0079 Record 134: Q=33 Alpha=30 Beta=+16 FENCE ON



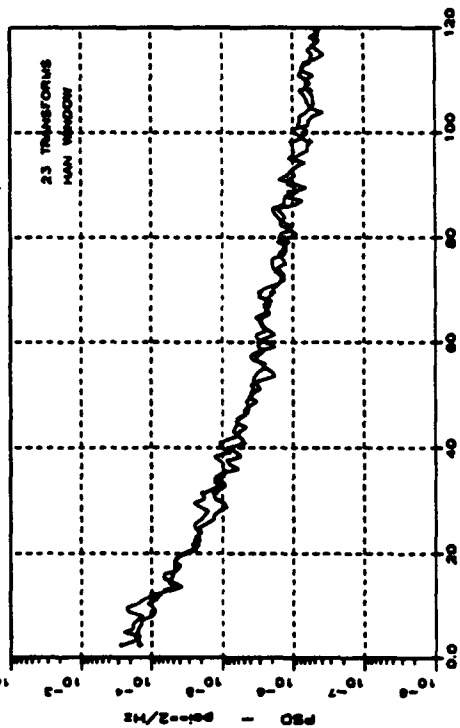
F-16 Tail Buffet Test

• LOC 17 RMS = 0.0060 Record 37: Q=33 Alpha=30 Beta=+16 FENCE OFF  
• LOC 17 RMS = 0.0066 Record 134: Q=33 Alpha=30 Beta=+16 FENCE ON



F-16 Tail Buffet Test

• LOC 24 RMS = 0.0326 Record 37: Q-33 Alpha-30 Beta=+16 FENCE OFF  
 • LOC 24 RMS = 0.0400 Record 134: Q-33 Alpha-30 Beta=+16 FENCE ON

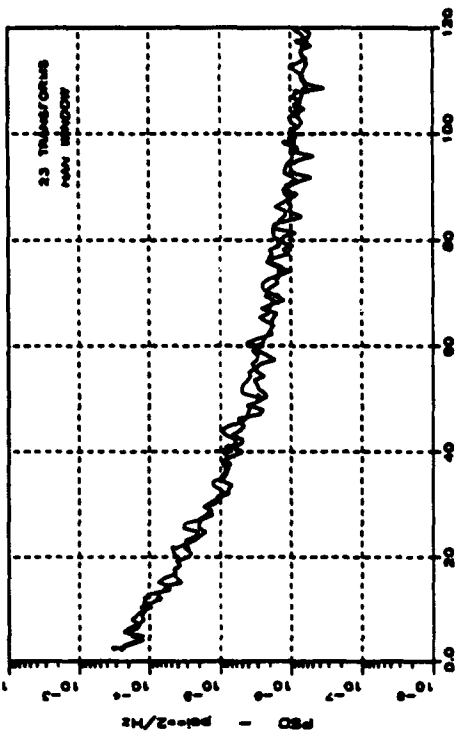


FREQUENCY - HZ

DELTA P = 0.798

F-16 Tail Buffet Test

• LOC 23 RMS = 0.0311 Record 37: Q-33 Alpha-30 Beta=+16 FENCE OFF  
 • LOC 23 RMS = 0.0497 Record 134: Q-33 Alpha-30 Beta=+16 FENCE ON

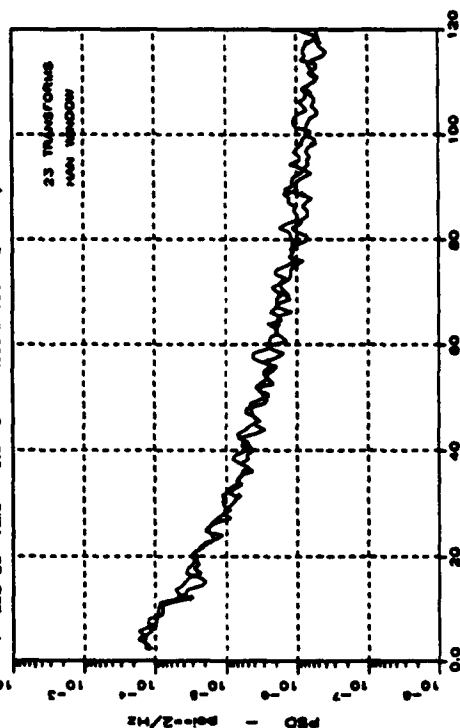


FREQUENCY - HZ

DELTA P = 0.798

F-16 Tail Buffet Test

• LOC 22 RMS = 0.0417 Record 37: Q-33 Alpha-30 Beta=+16 FENCE OFF  
 • LOC 22 RMS = 0.0419 Record 134: Q-33 Alpha-30 Beta=+16 FENCE ON

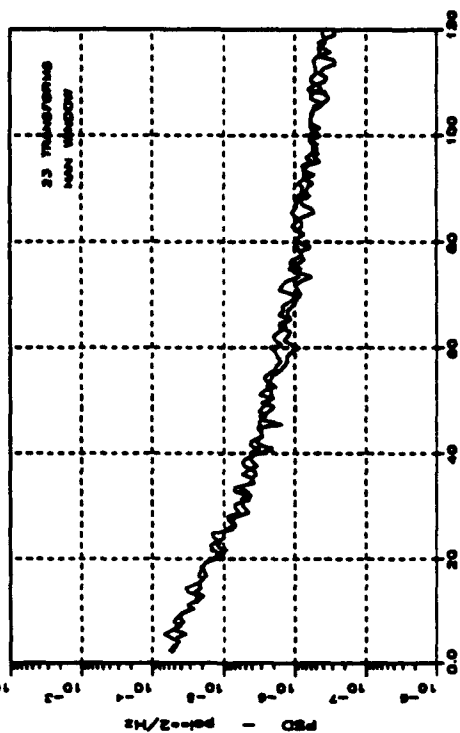


FREQUENCY - HZ

DELTA P = 0.798

F-16 Tail Buffet Test

• LOC 21 RMS = 0.0286 Record 37: Q-33 Alpha-30 Beta=+16 FENCE OFF  
 • LOC 21 RMS = 0.0397 Record 134: Q-33 Alpha-30 Beta=+16 FENCE ON

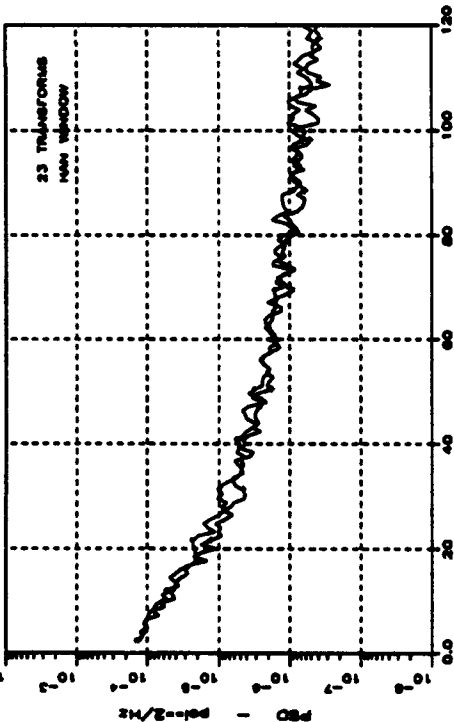


FREQUENCY - HZ

DELTA P = 0.798

F-18 Tail Buffet Test

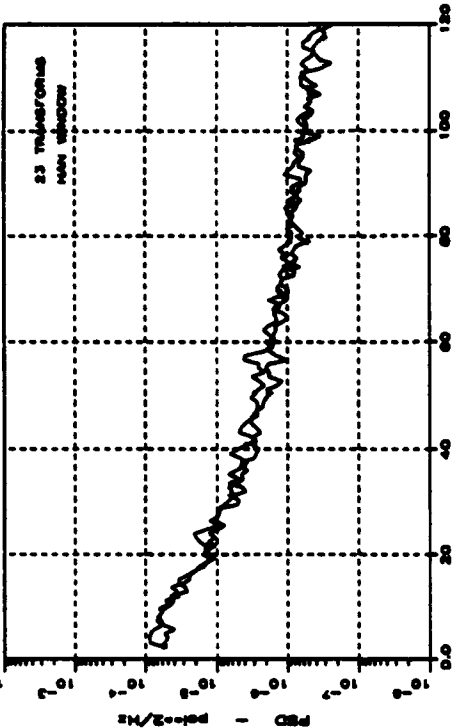
• LOC 26 RMS = 0.0360 Record 37: Q-33 Alpha-30 Beta-16 FENCE OFF  
• LOC 26 RMS = 0.0377 Record 134: Q-33 Alpha-30 Beta-16 FENCE ON



DELTA F = 0.796

F-18 Tail Buffet Test

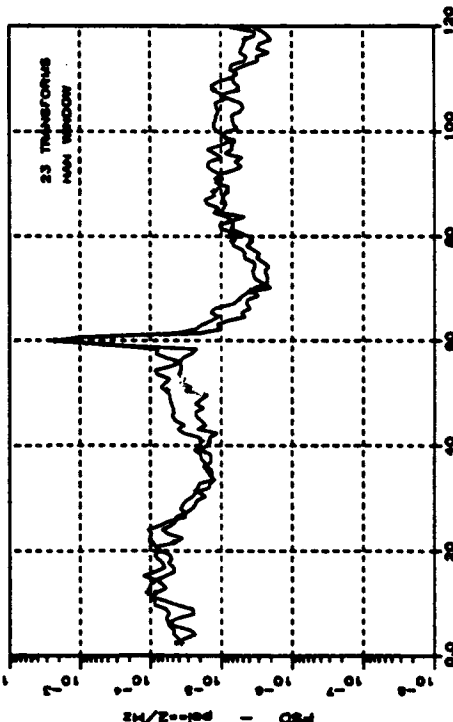
• LOC 27 RMS = 0.0321 Record 37: Q-33 Alpha-30 Beta-16 FENCE OFF  
• LOC 27 RMS = 0.0333 Record 134: Q-33 Alpha-30 Beta-16 FENCE ON



DELTA F = 0.796

F-18 Tail Buffet Test

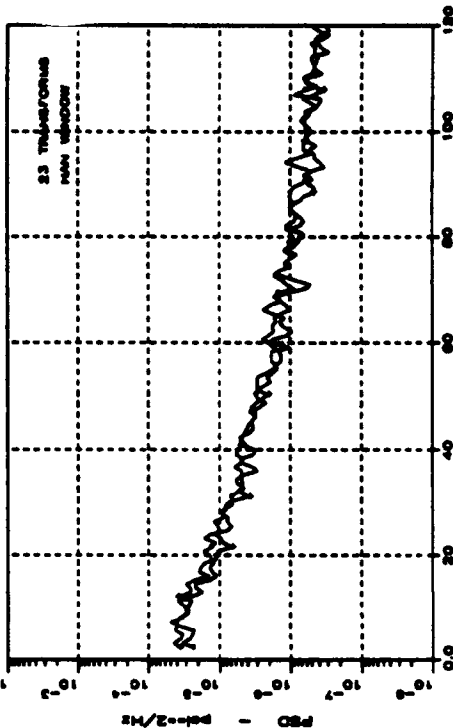
• LOC 26 RMS = 0.0716 Record 37: Q-33 Alpha-30 Beta-16 FENCE OFF  
• LOC 26 RMS = 0.0821 Record 134: Q-33 Alpha-30 Beta-16 FENCE ON



DELTA F = 0.796

F-18 Tail Buffet Test

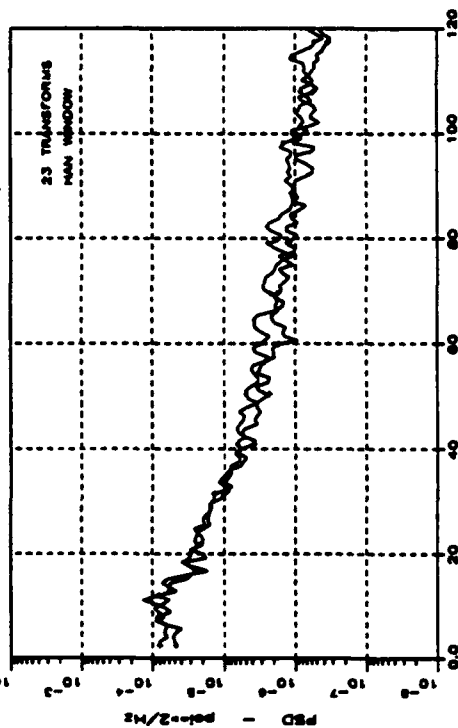
• LOC 26 RMS = 0.0264 Record 37: Q-33 Alpha-30 Beta-16 FENCE OFF  
• LOC 26 RMS = 0.0278 Record 134: Q-33 Alpha-30 Beta-16 FENCE ON



DELTA F = 0.796

# F-16 Tail Buffet Test

• LOC 32 RUS = 0.0366 Record 37: Q=33 Alpha=30 Beta=+16 FENCE OFF  
• LOC 32 RUS = 0.0366 Record 136: Q=33 Alpha=30 Beta=+16 FENCE ON

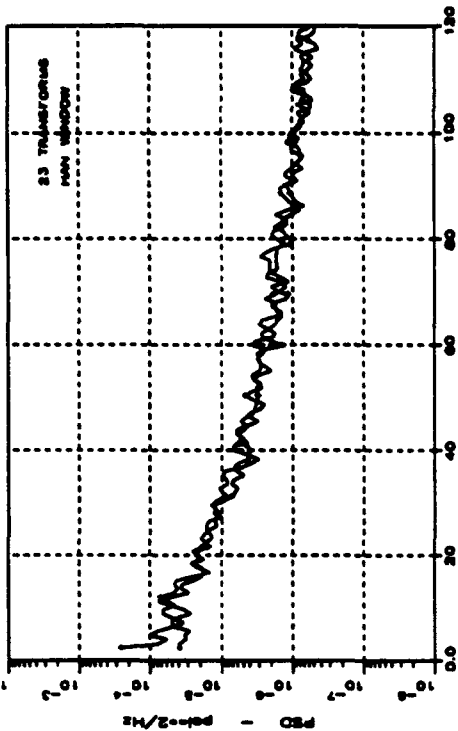


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 31 RUS = 0.0317 Record 37: Q=33 Alpha=30 Beta=+16 FENCE OFF  
• LOC 31 RUS = 0.0378 Record 136: Q=33 Alpha=30 Beta=+16 FENCE ON

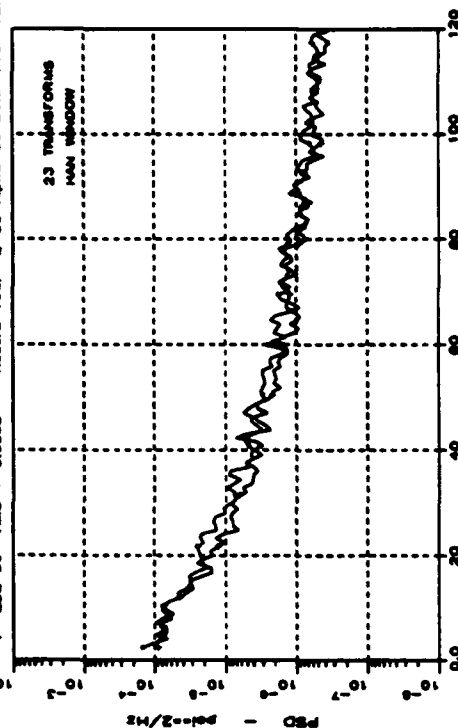


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 30 RUS = 0.0373 Record 37: Q=33 Alpha=30 Beta=+16 FENCE OFF  
• LOC 30 RUS = 0.0383 Record 136: Q=33 Alpha=30 Beta=+16 FENCE ON

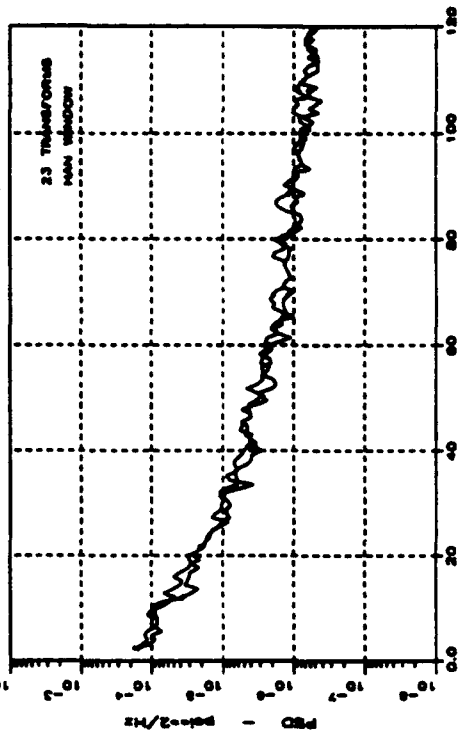


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 29 RUS = 0.0406 Record 37: Q=33 Alpha=30 Beta=+16 FENCE OFF  
• LOC 29 RUS = 0.0400 Record 136: Q=33 Alpha=30 Beta=+16 FENCE ON



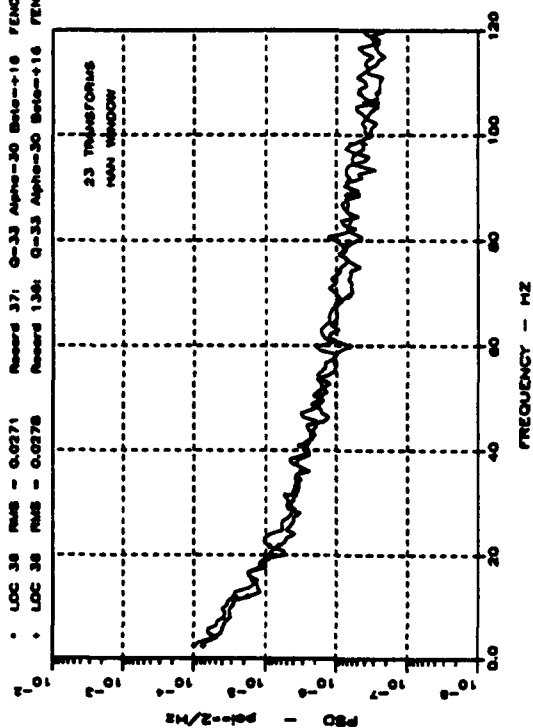
FREQUENCY - HZ

DELTA F = 0.798



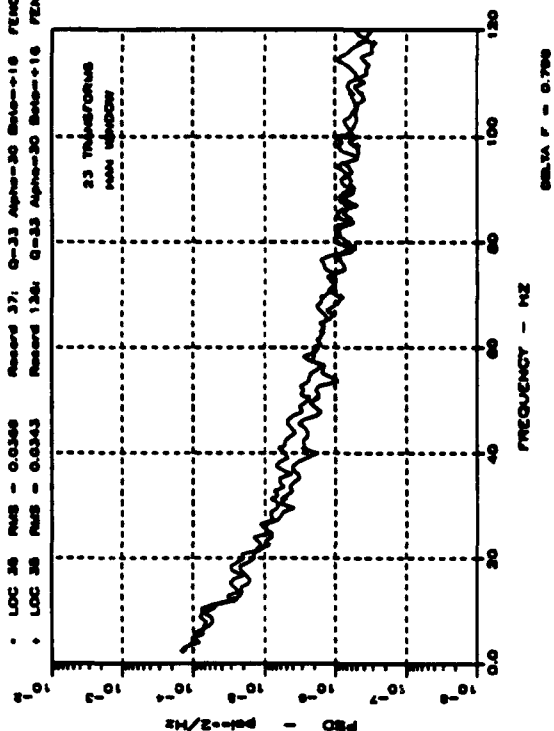
# F-18 Tail Buffet Test

• LOC 38 RMS = 0.0271 Record 37: Q-33 Alpha-30 Beta-16 FENCE OFF  
 • LOC 38 RMS = 0.0278 Record 136: Q-33 Alpha-30 Beta-16 FENCE ON



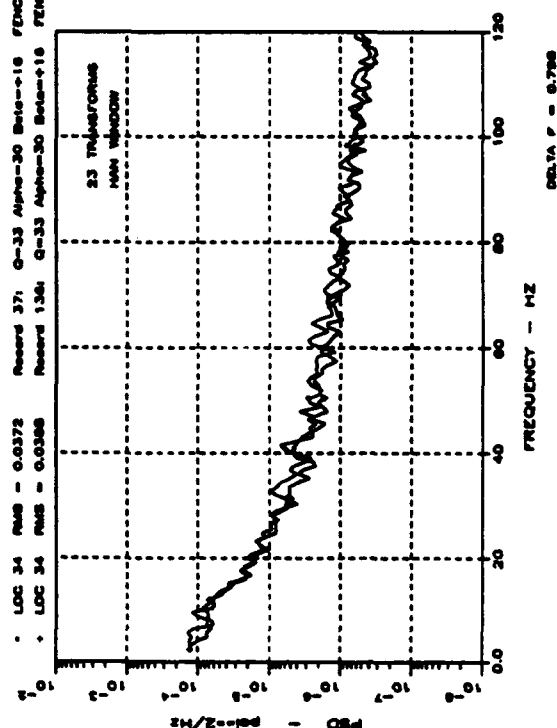
# F-18 Tail Buffet Test

• LOC 38 RMS = 0.0348 Record 37: Q-33 Alpha-30 Beta-16 FENCE OFF  
 • LOC 38 RMS = 0.0343 Record 136: Q-33 Alpha-30 Beta-16 FENCE ON



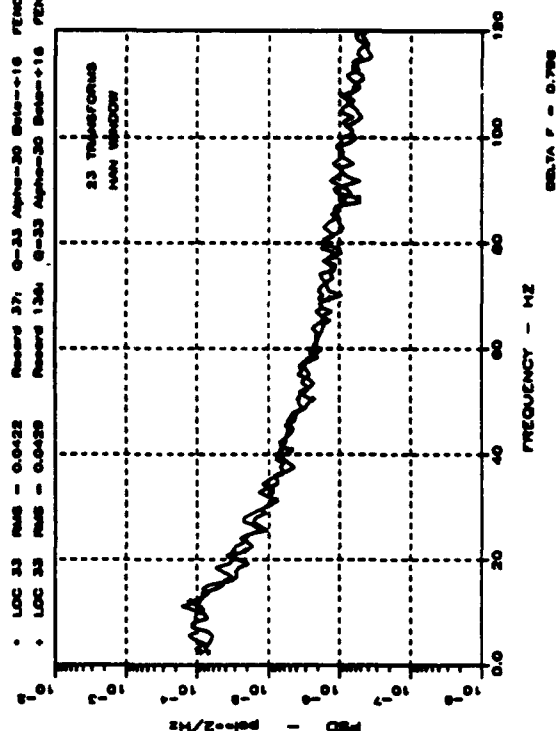
# F-18 Tail Buffet Test

• LOC 34 RMS = 0.0372 Record 37: Q-33 Alpha-30 Beta-16 FENCE OFF  
 • LOC 34 RMS = 0.0368 Record 136: Q-33 Alpha-30 Beta-16 FENCE ON



# F-18 Tail Buffet Test

• LOC 33 RMS = 0.0422 Record 37: Q-33 Alpha-30 Beta-16 FENCE OFF  
 • LOC 33 RMS = 0.0428 Record 136: Q-33 Alpha-30 Beta-16 FENCE ON





**Pressure Coefficient Differential  
Power Spectral Densities**

(Nondimensional form)

Pressure Transducer Stations 1-36

Angle of Attack = 30 degrees

Test Variable - Aircraft Sideslip Angle

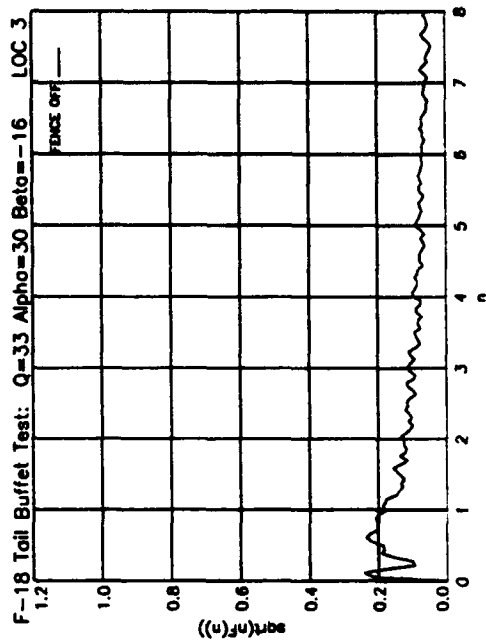
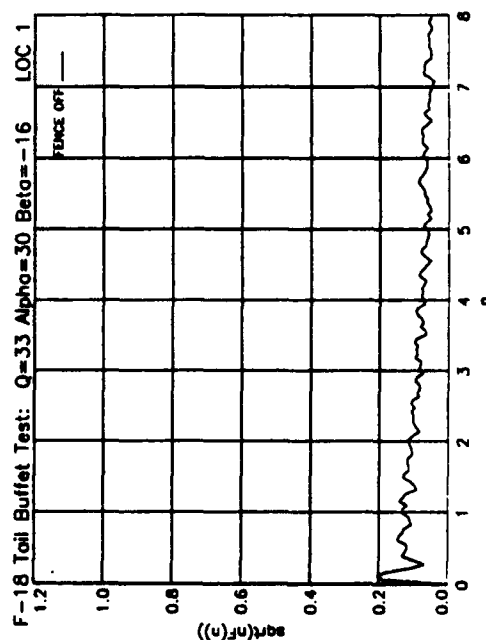
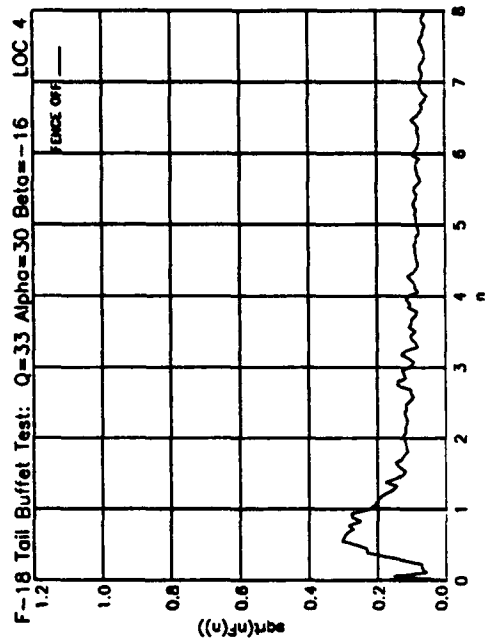
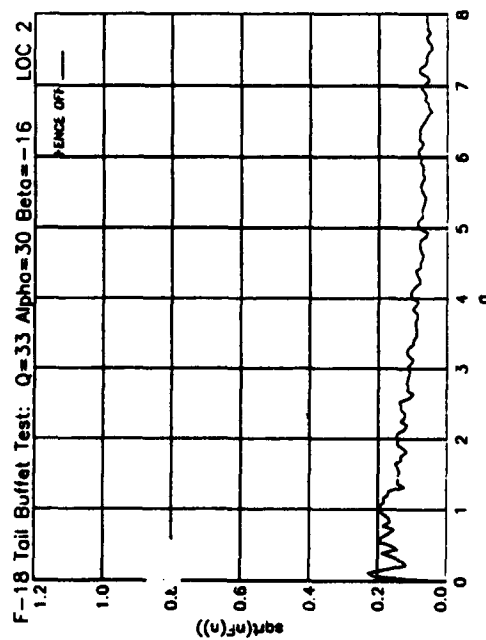
Sideslip Angle = -16, -10 -6, 4, -2, 0, 2, 4, 6, 10, 16 degrees

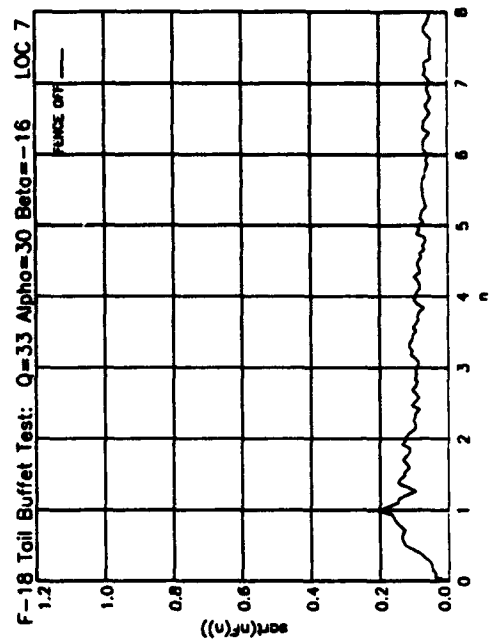
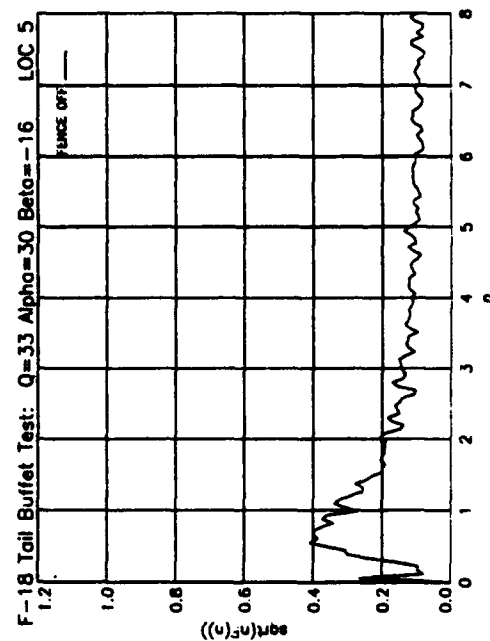
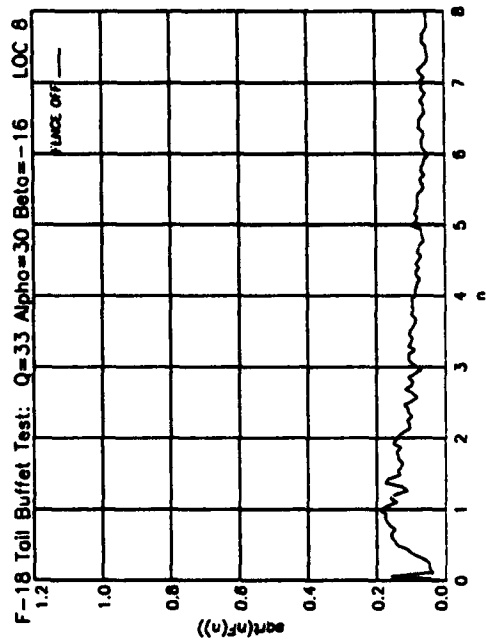
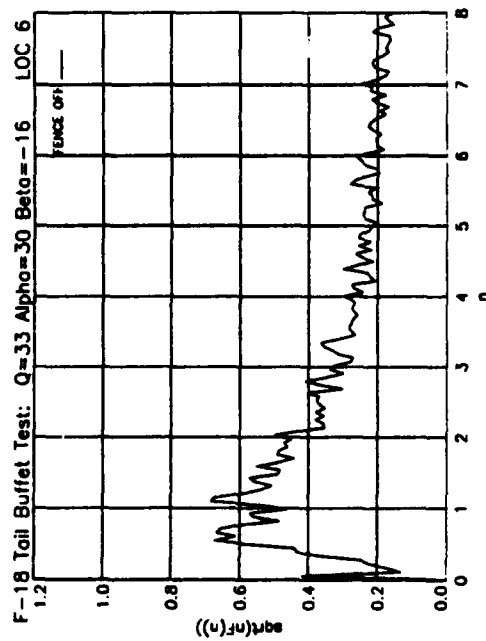
Test Variable - Dynamic Pressure

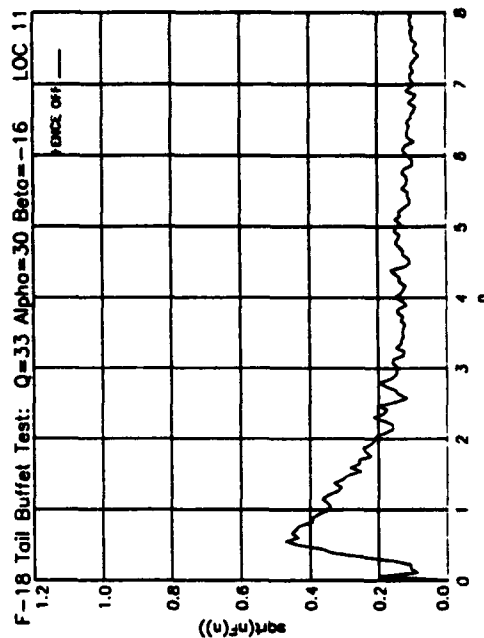
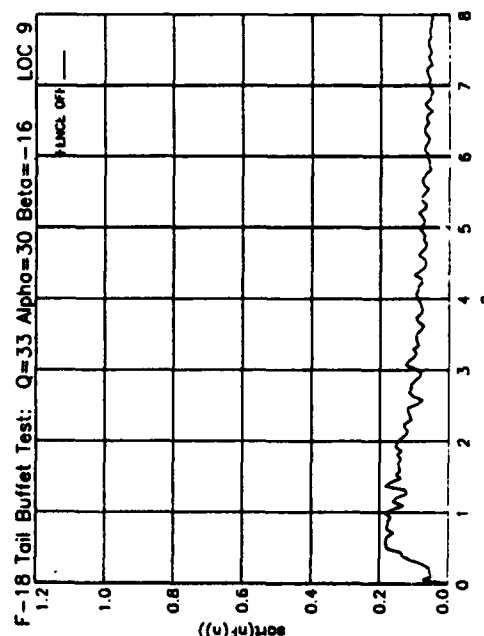
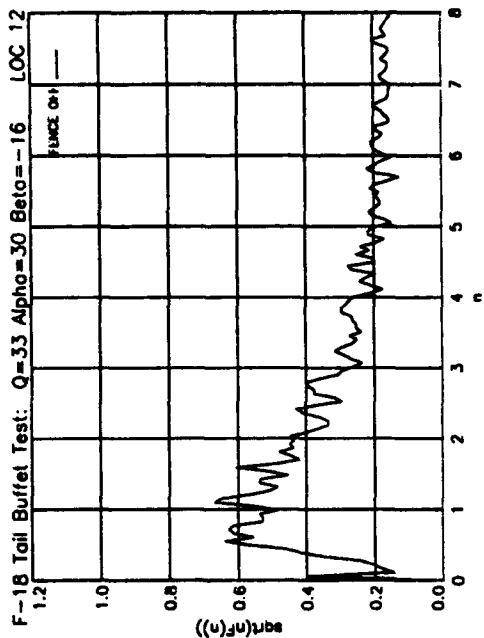
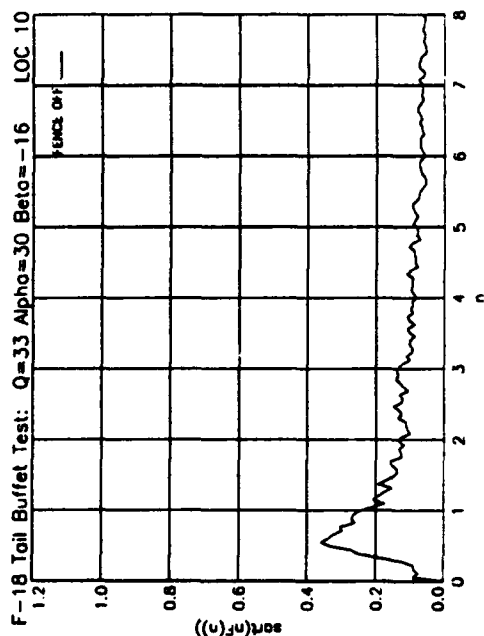
$q = 33 \text{ psf}$

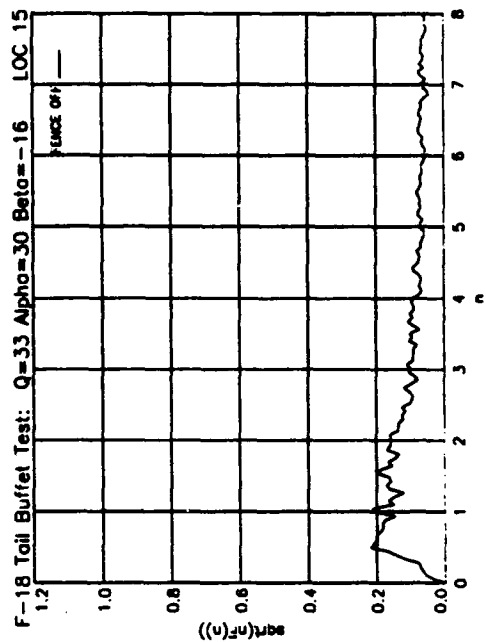
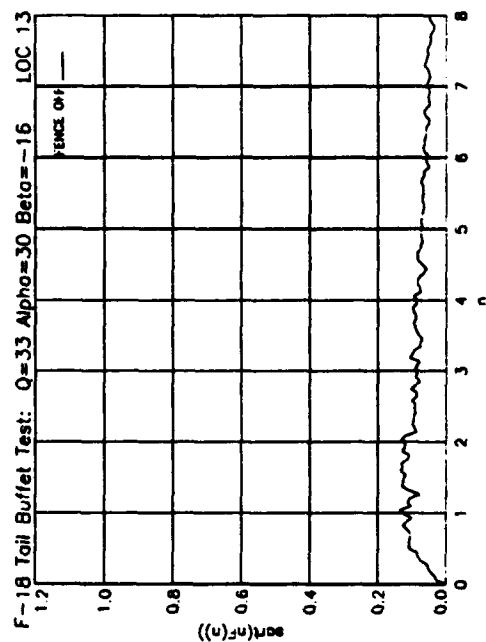
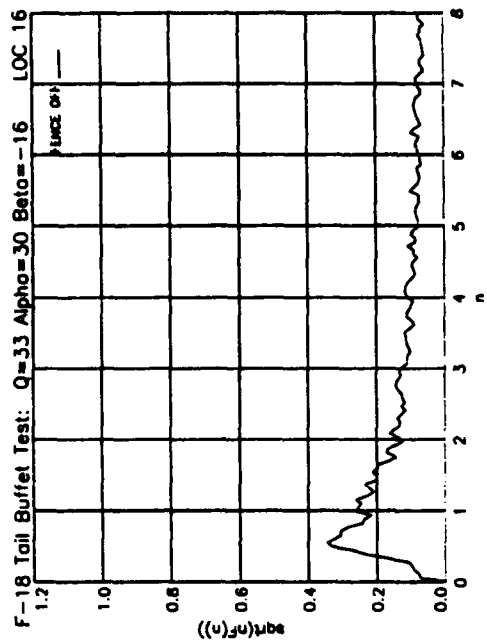
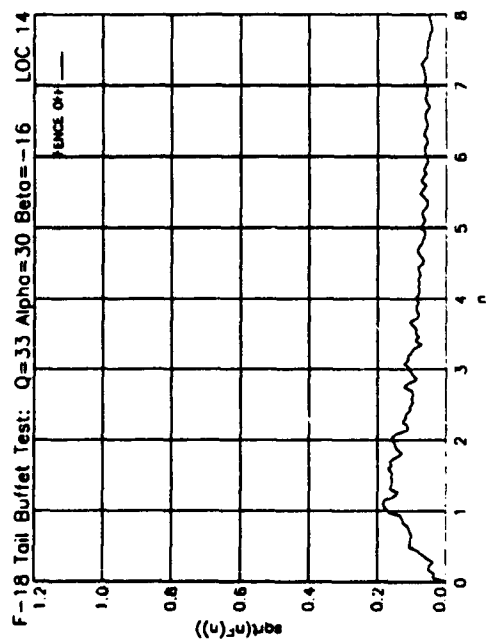
LEX Fence Off and LEX Fence On



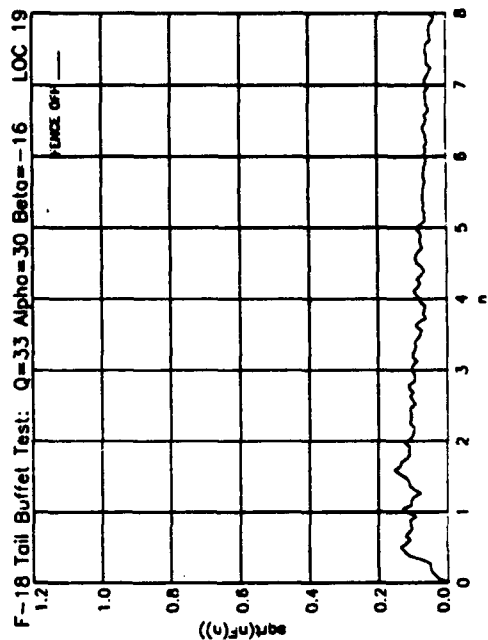
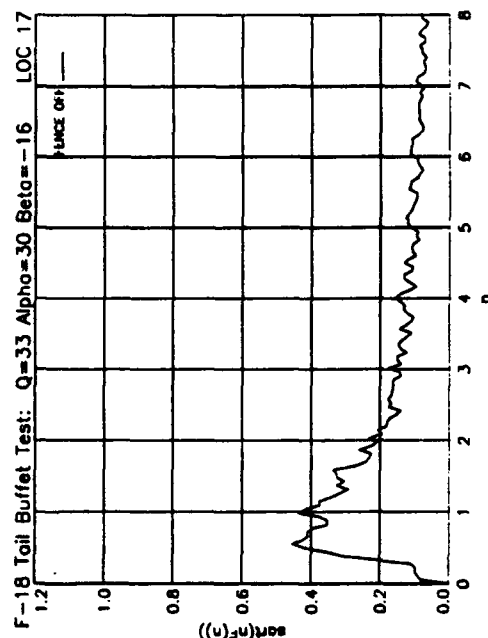
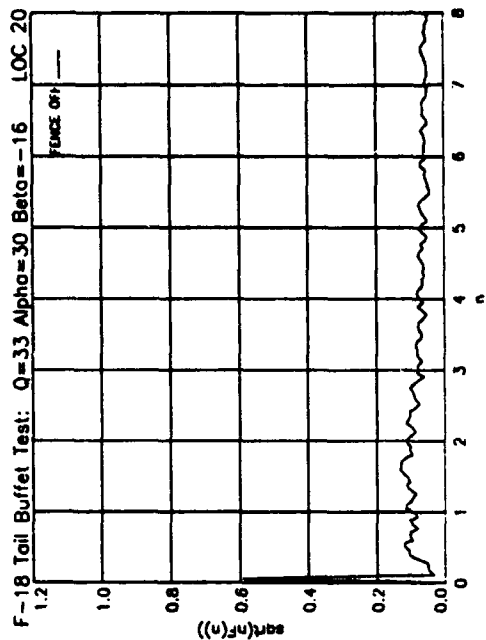
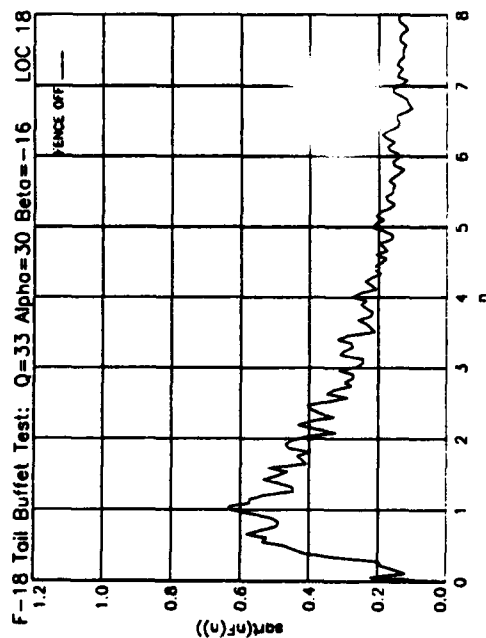


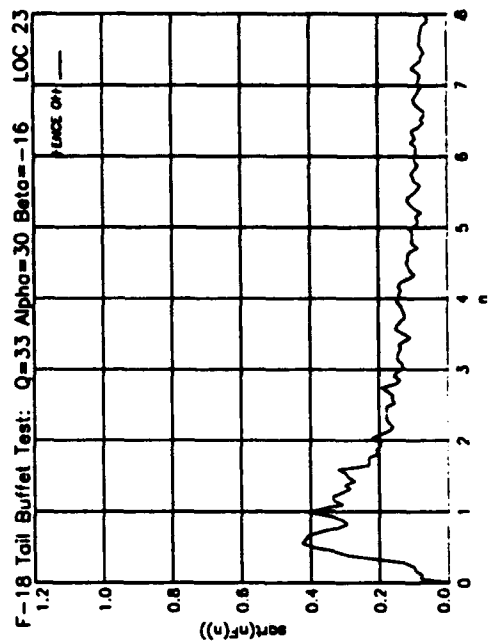
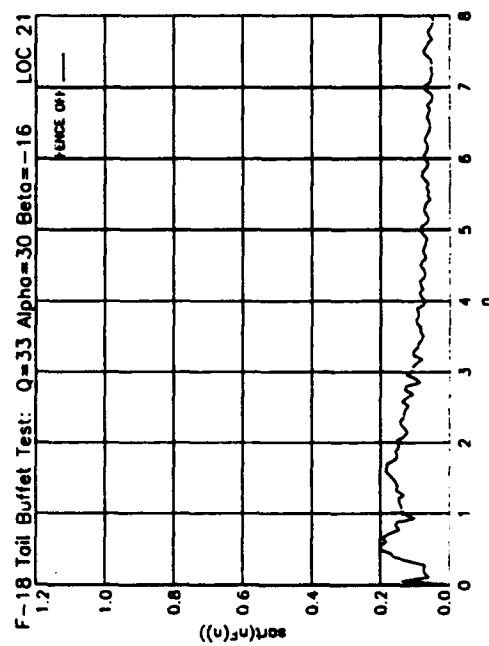
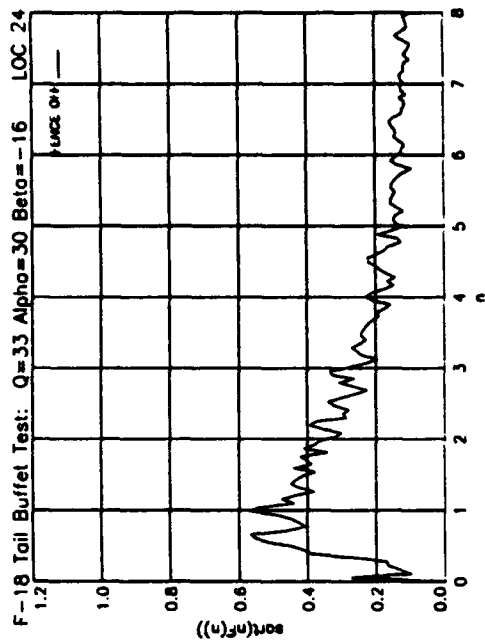
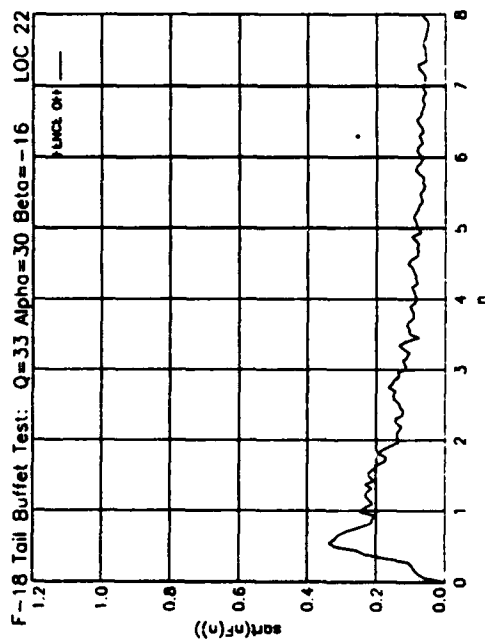


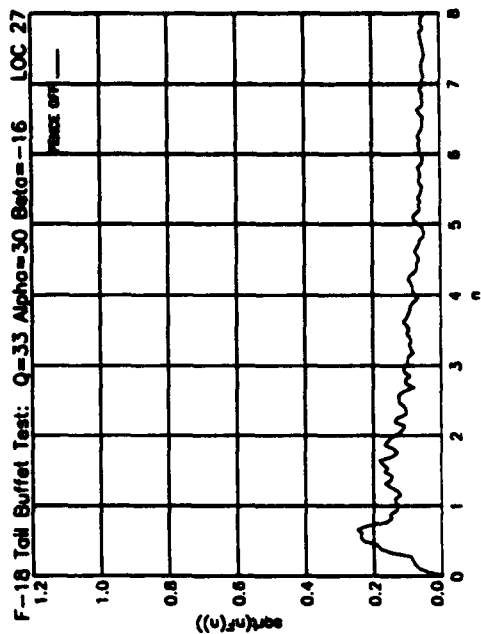
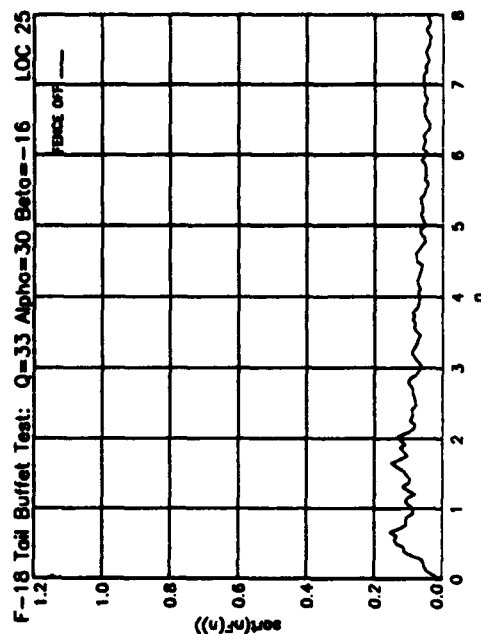
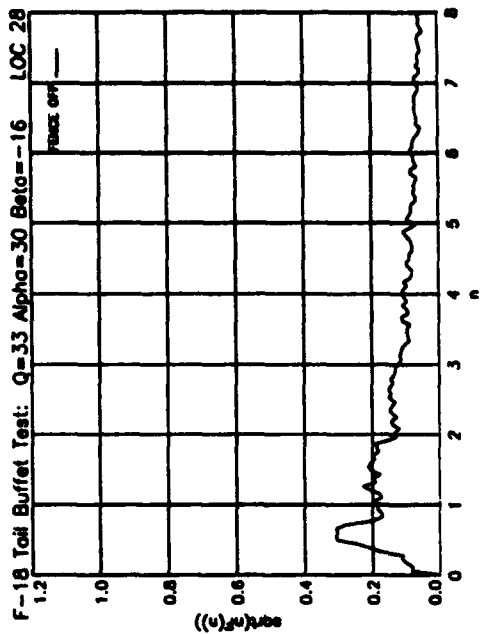
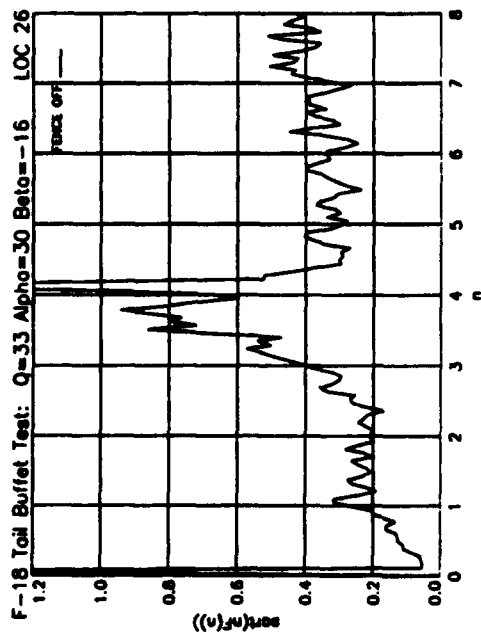


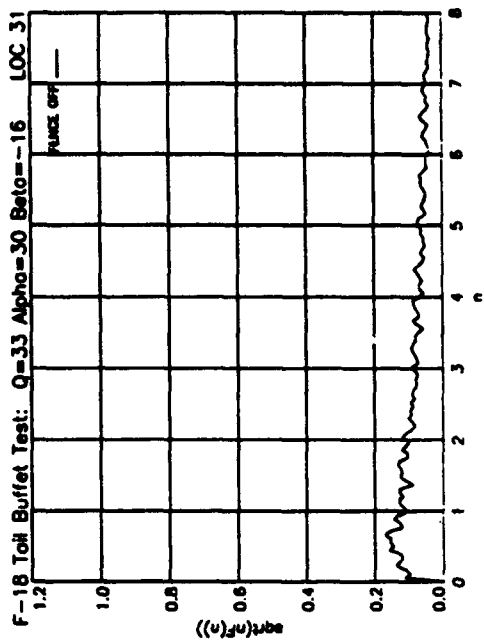
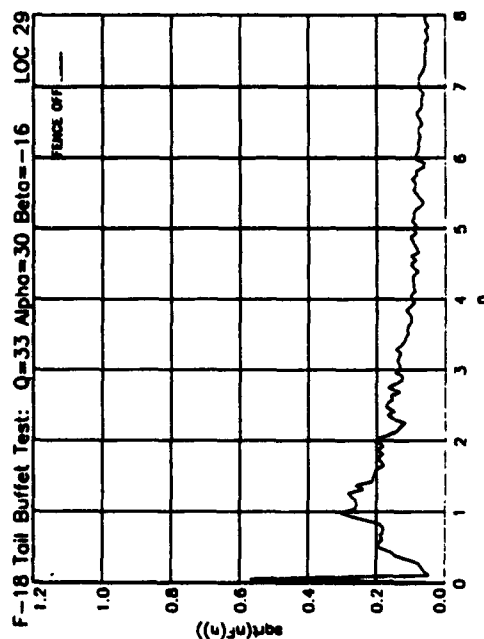
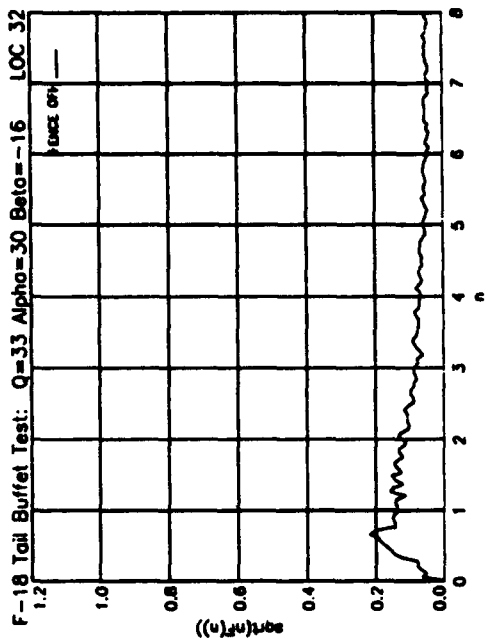
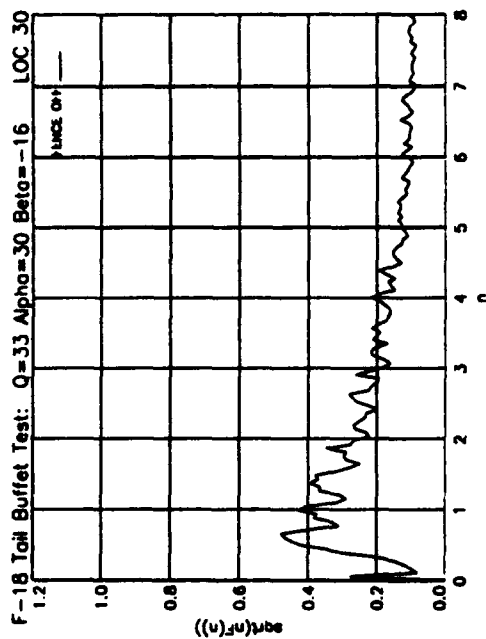


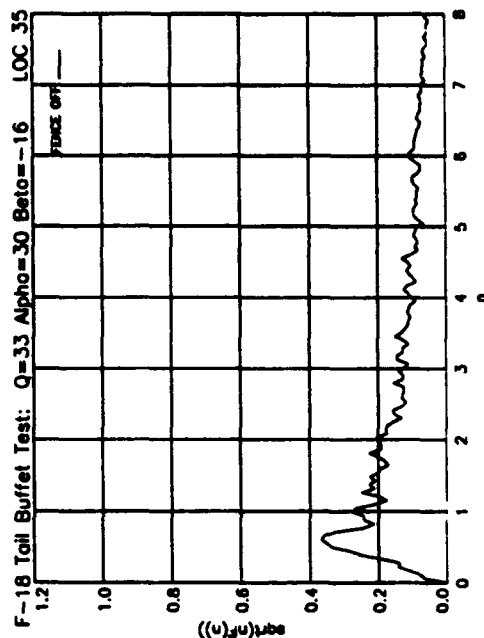
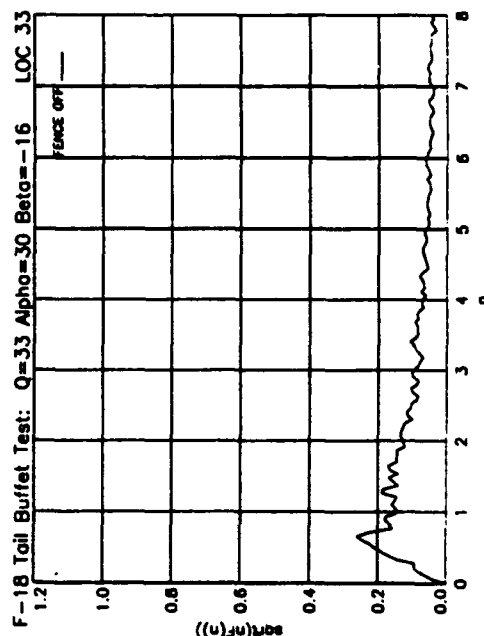
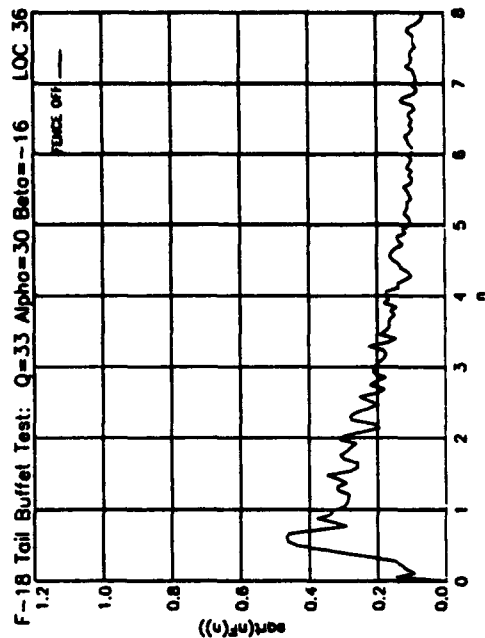
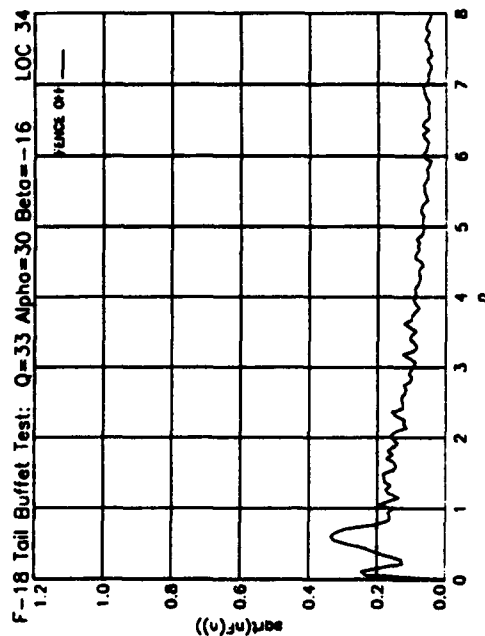




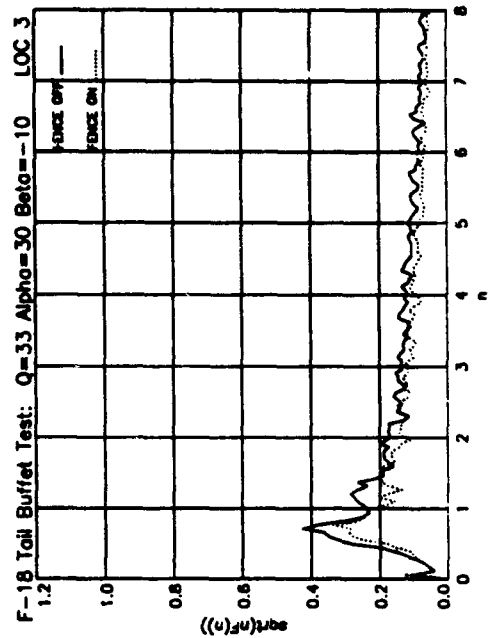
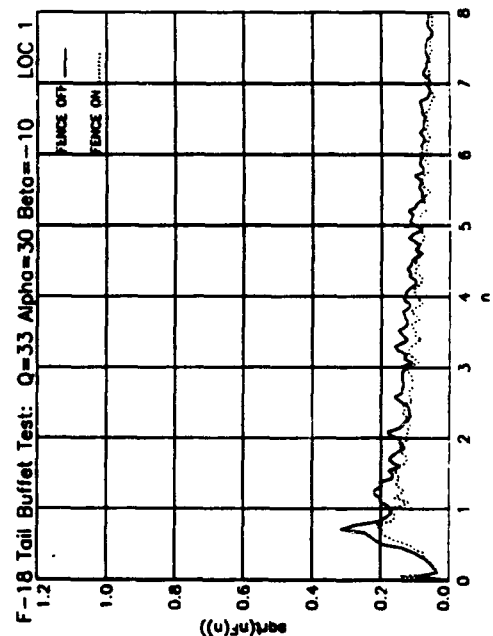
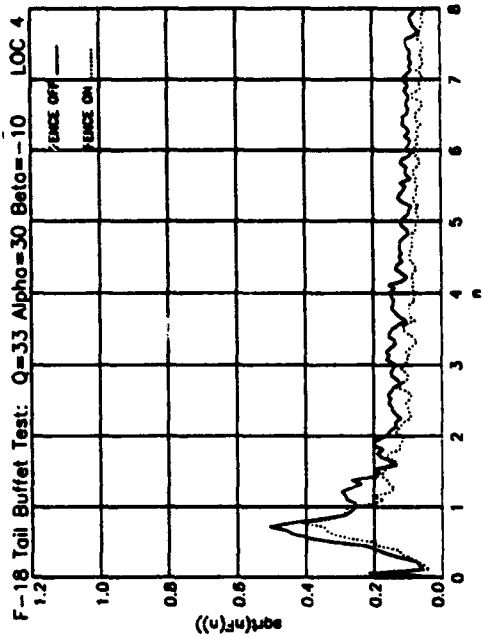
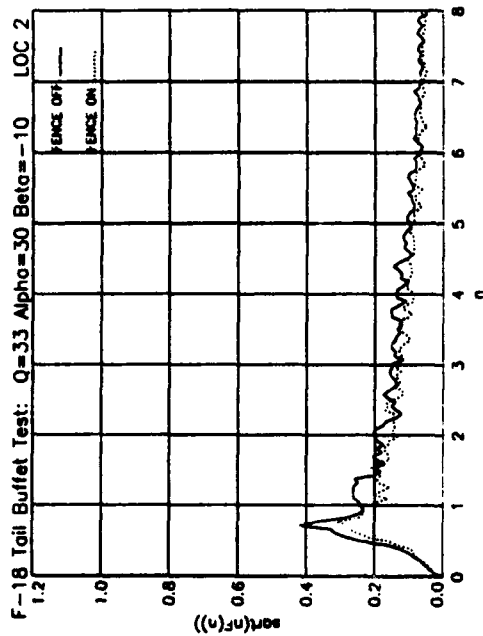


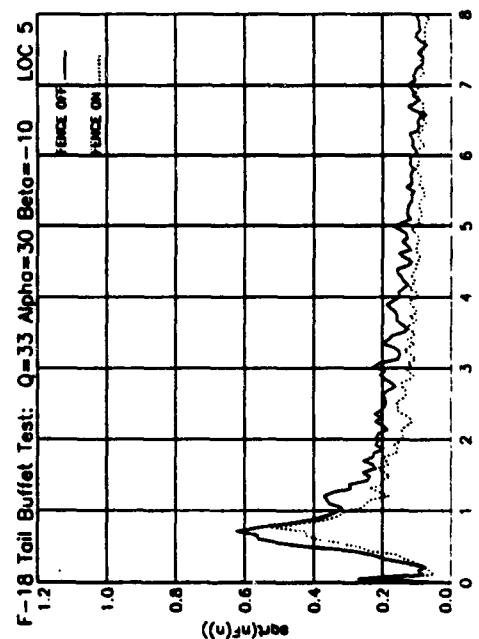
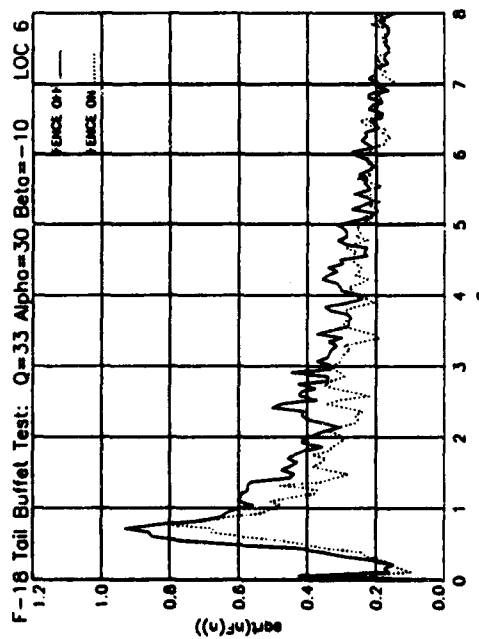
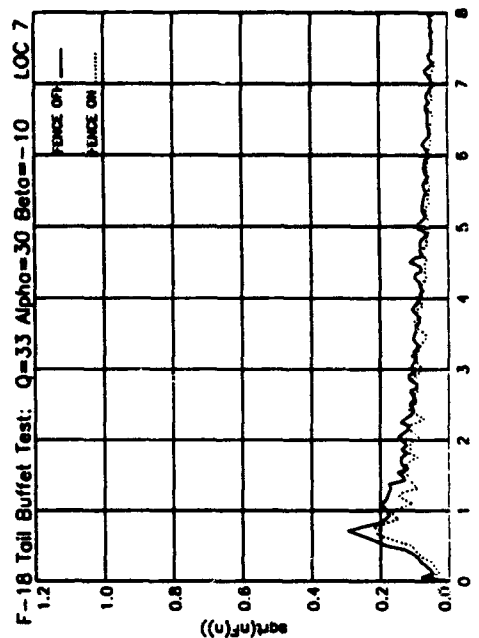
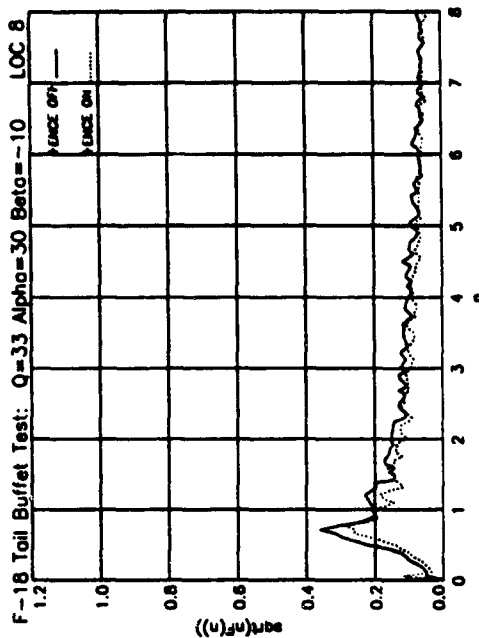




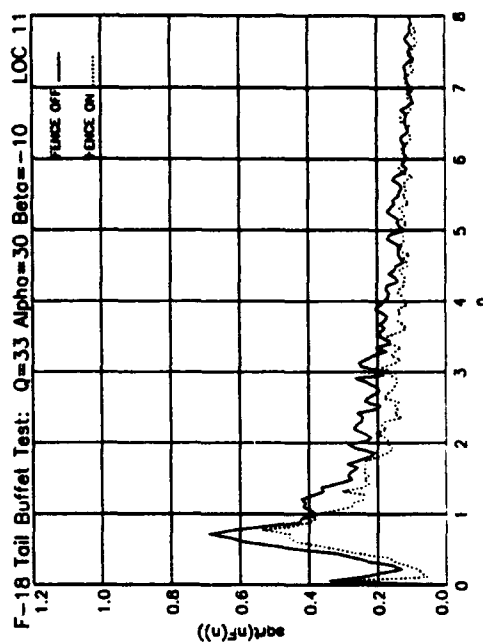
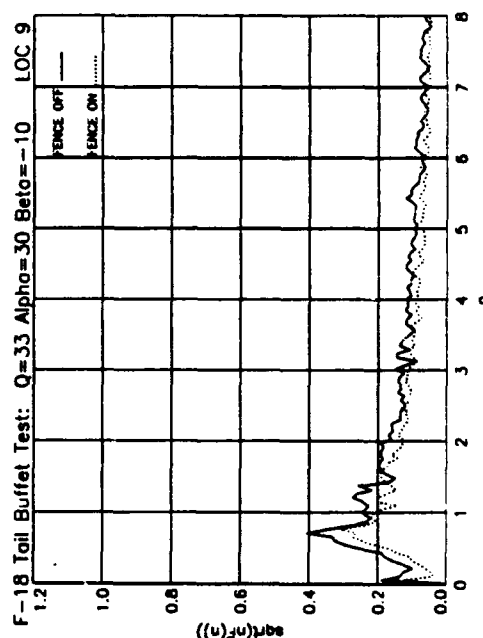
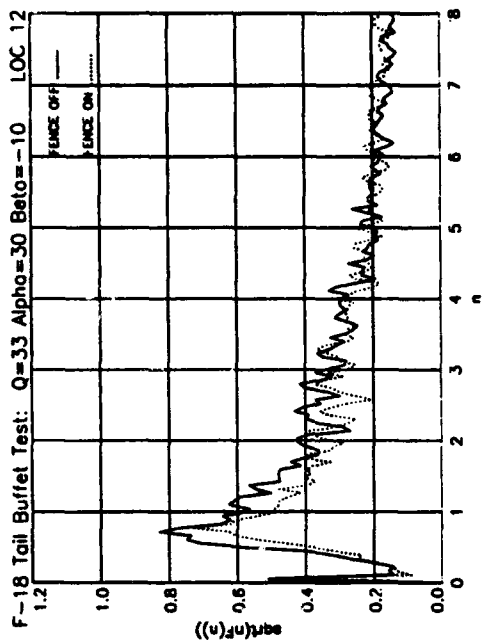
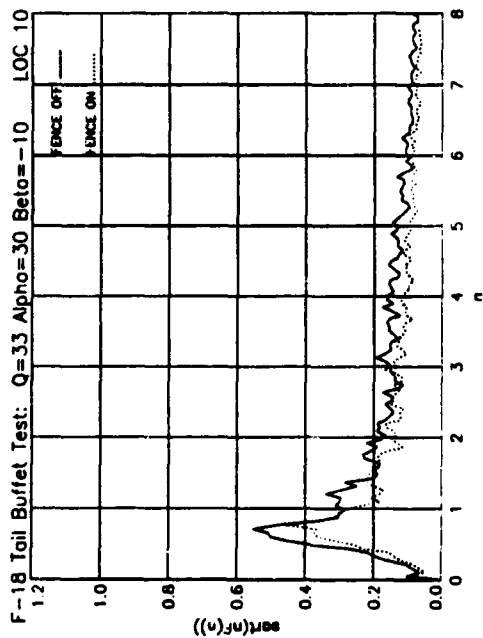


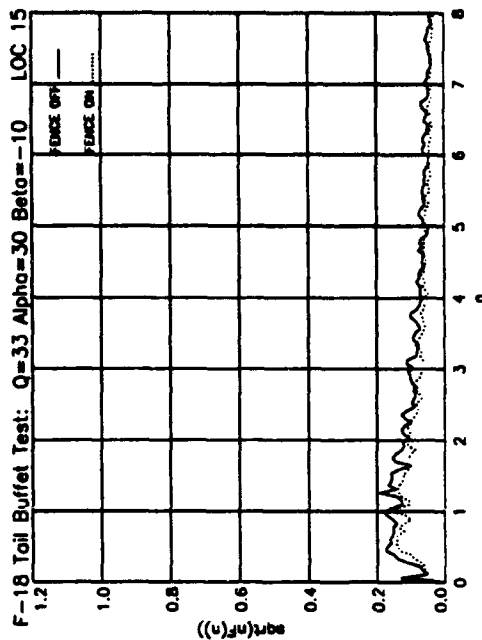
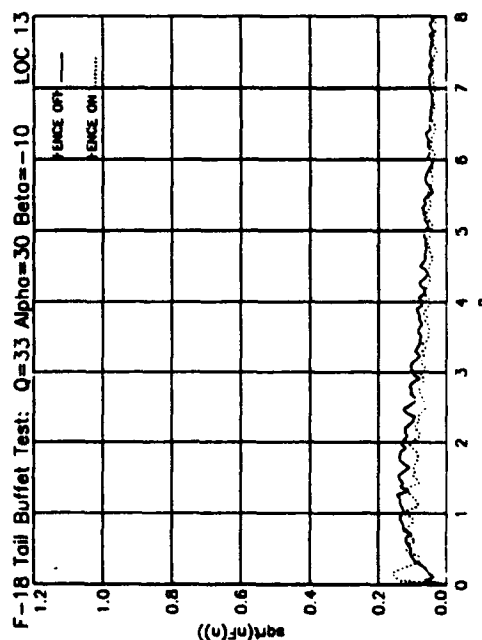
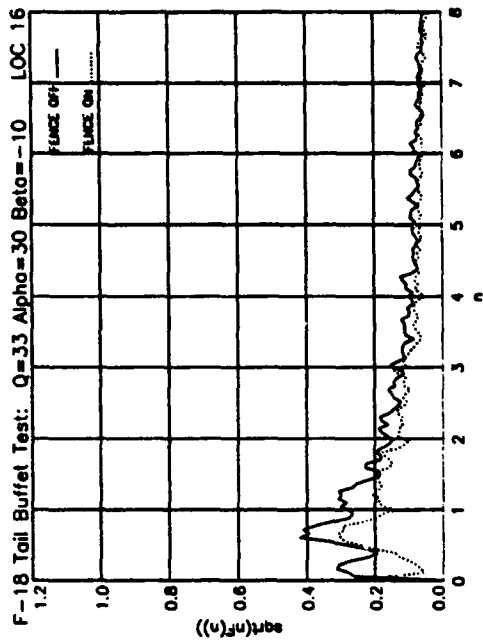
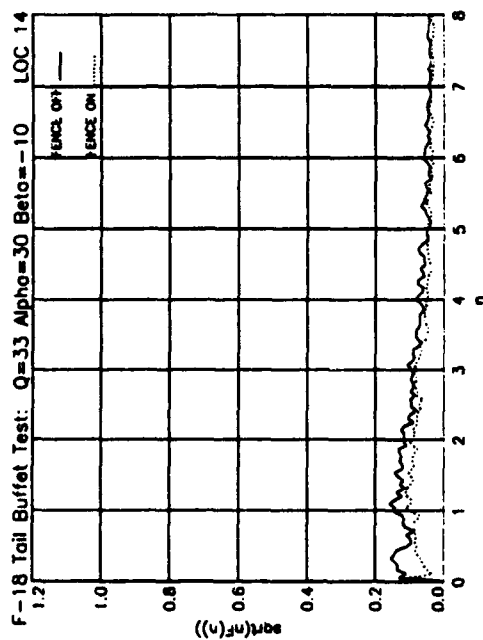


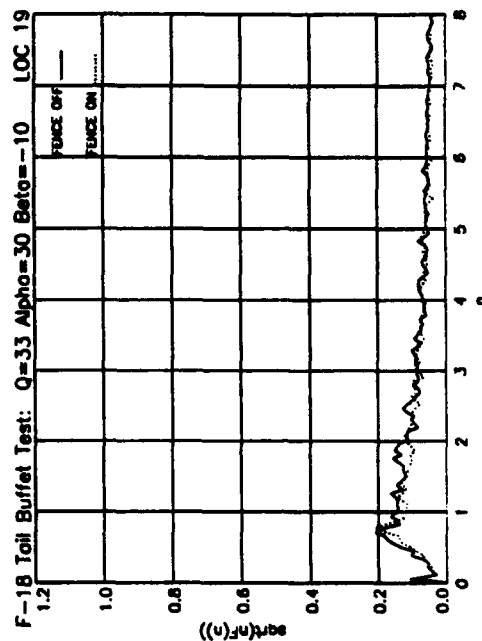
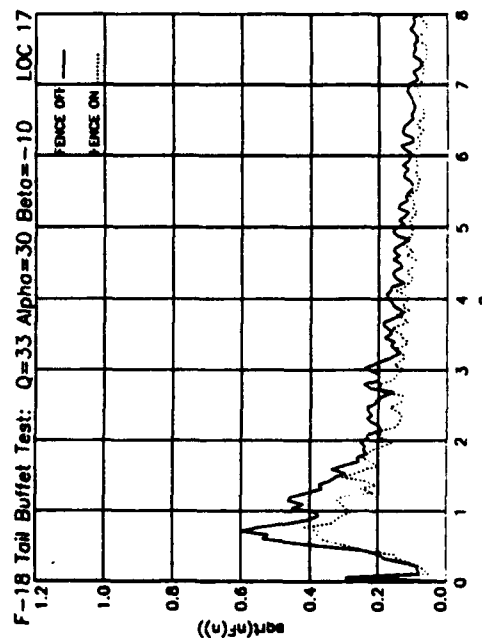
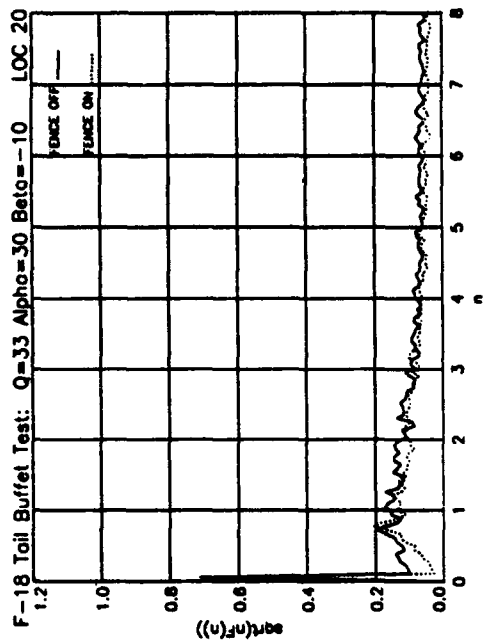
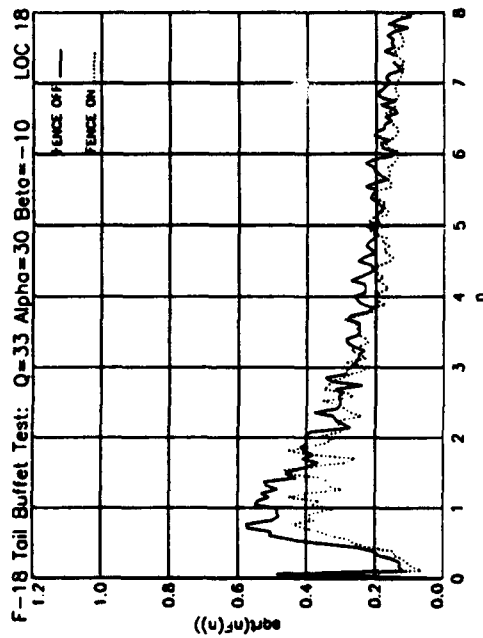


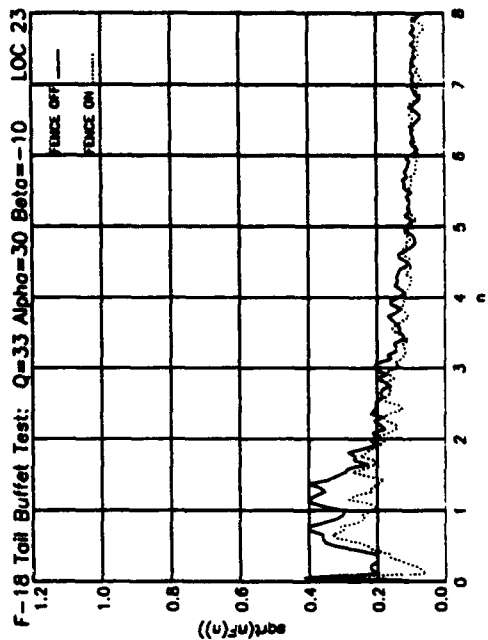
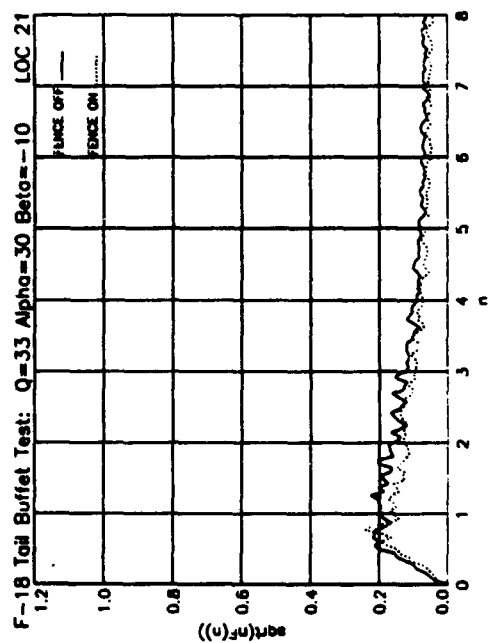
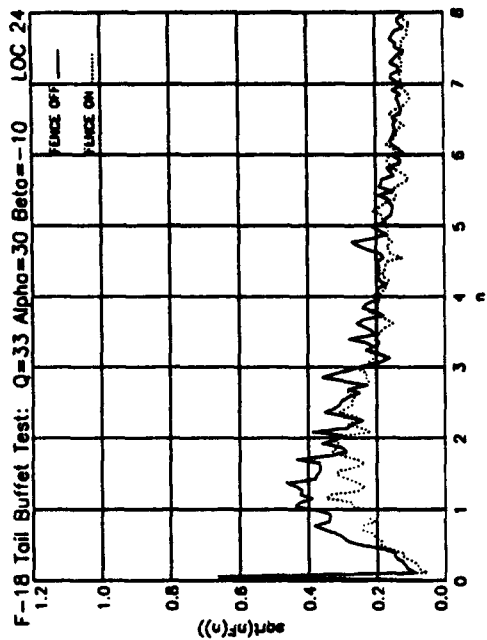
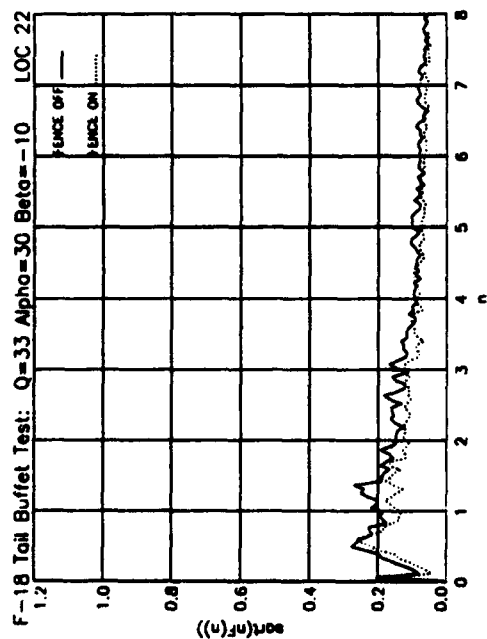


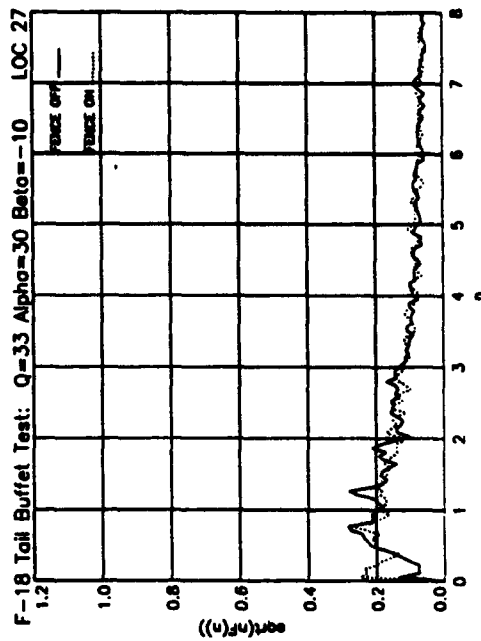
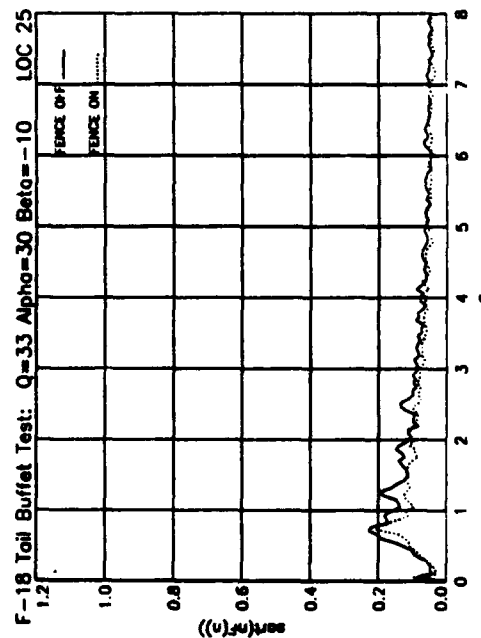
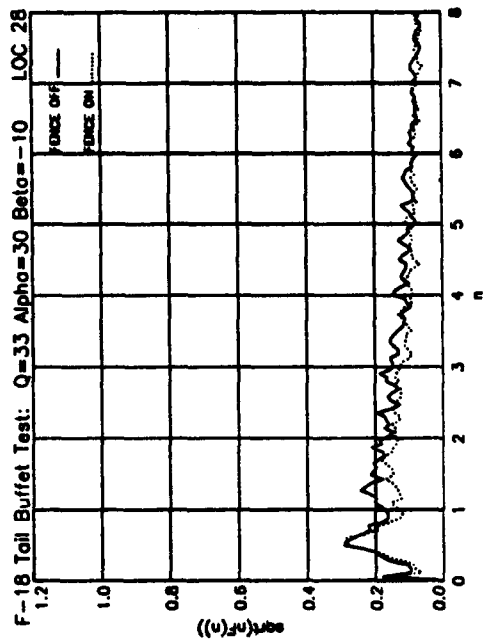
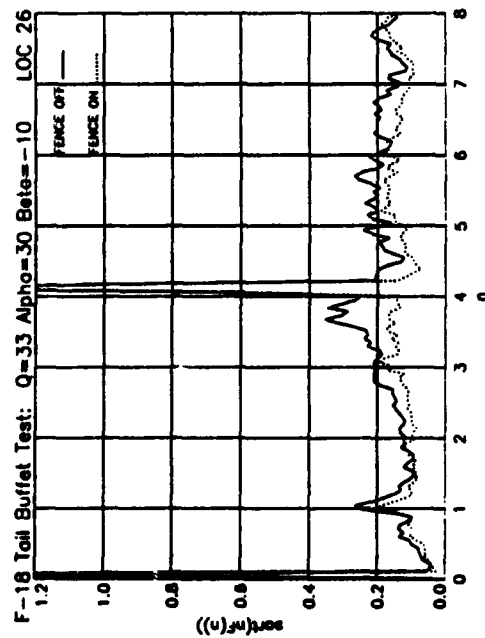


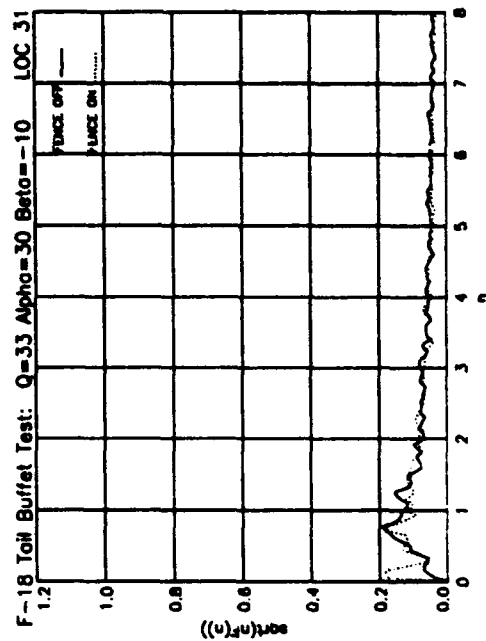
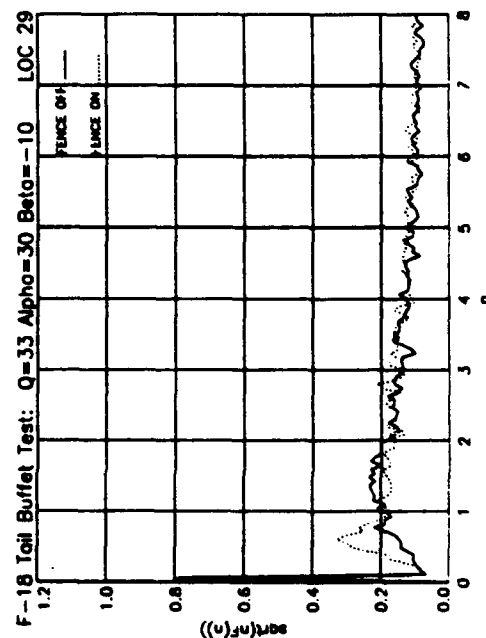
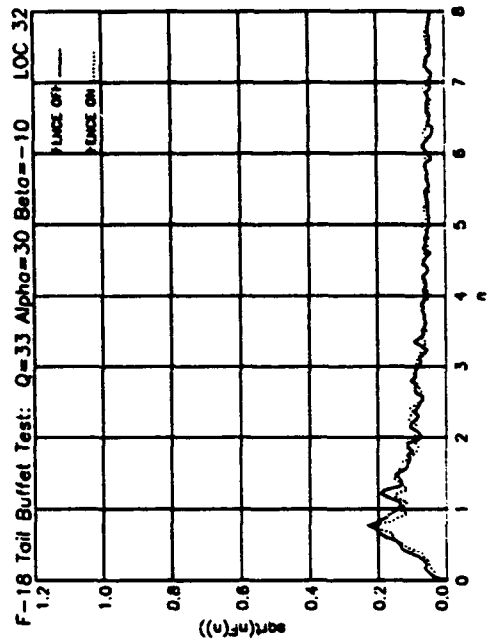
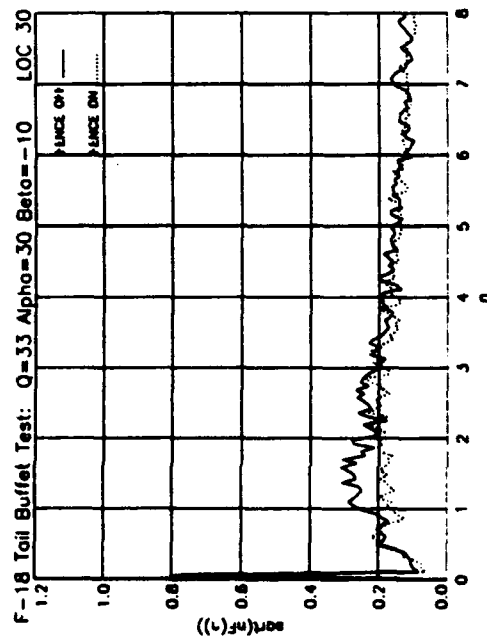


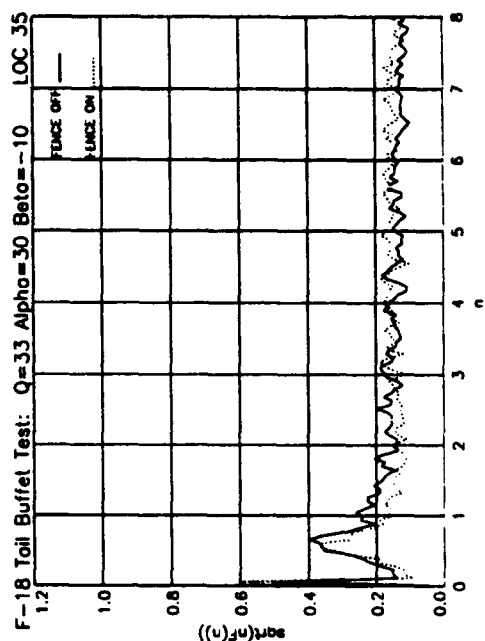
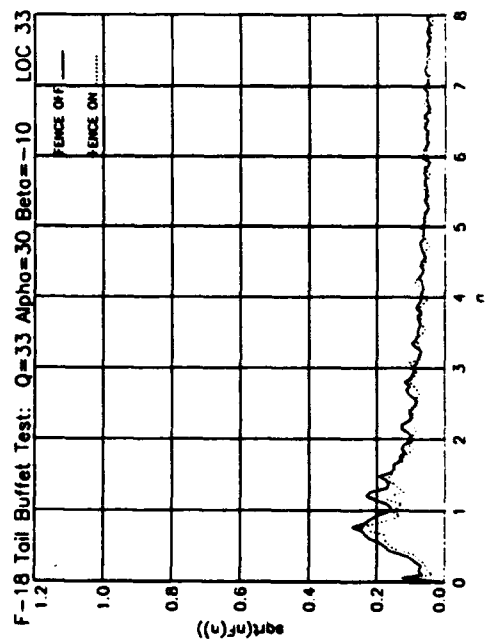
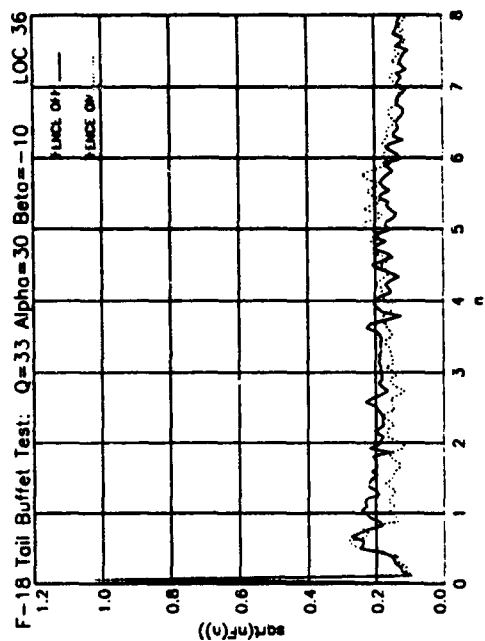
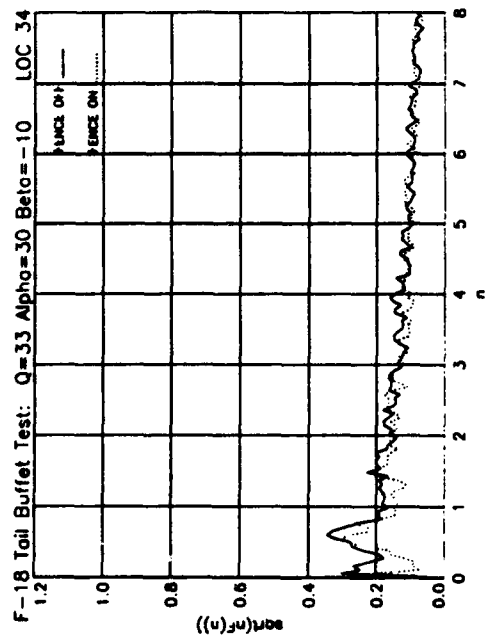






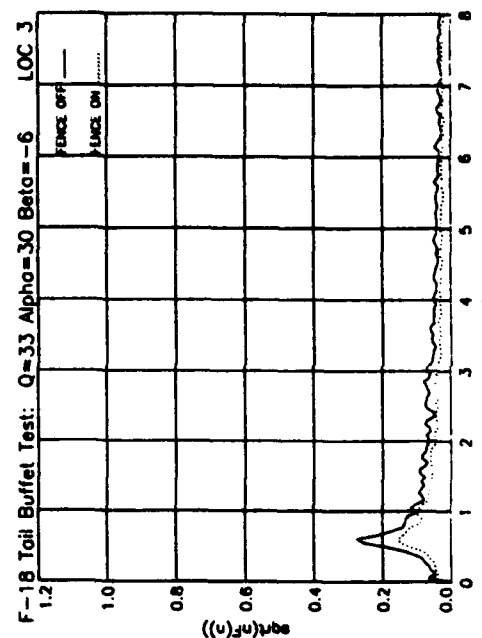
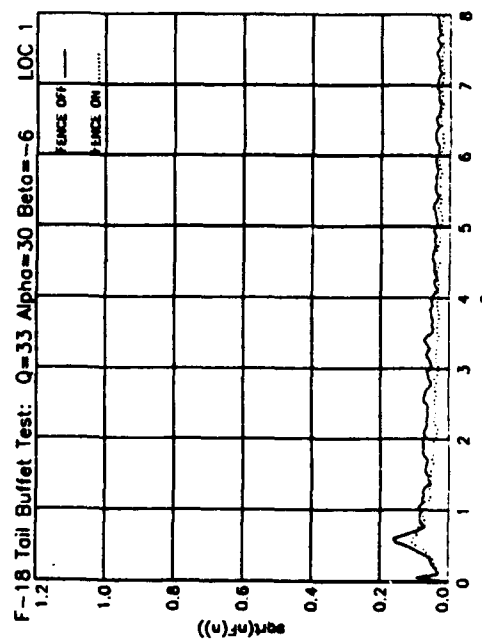
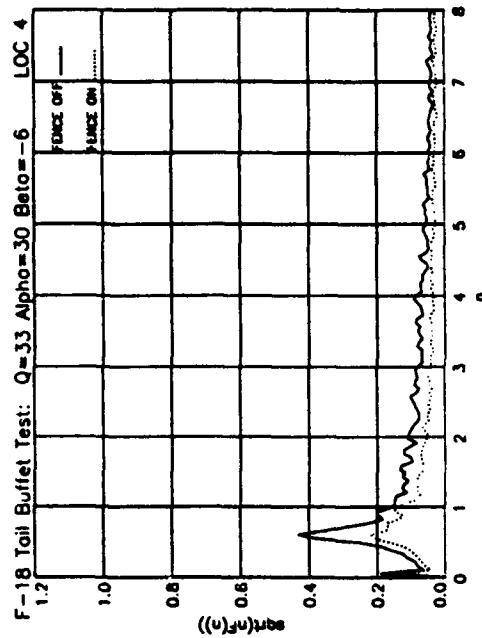
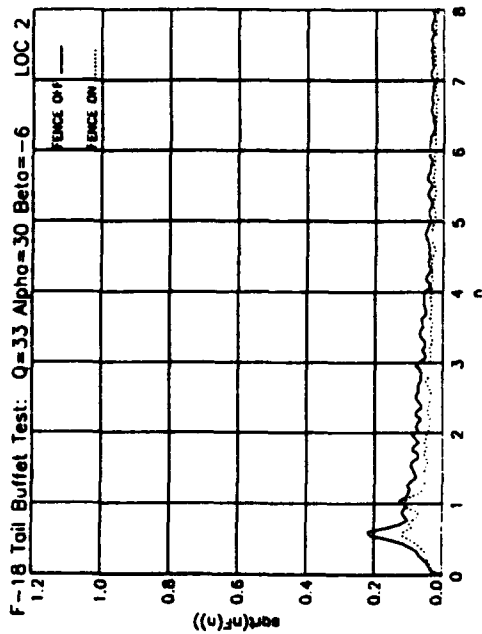


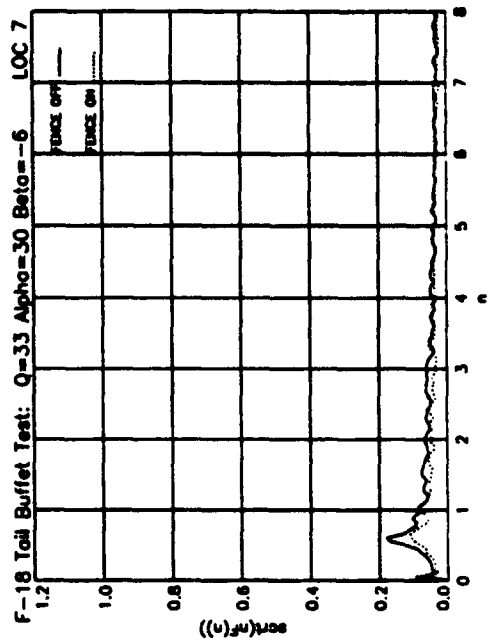
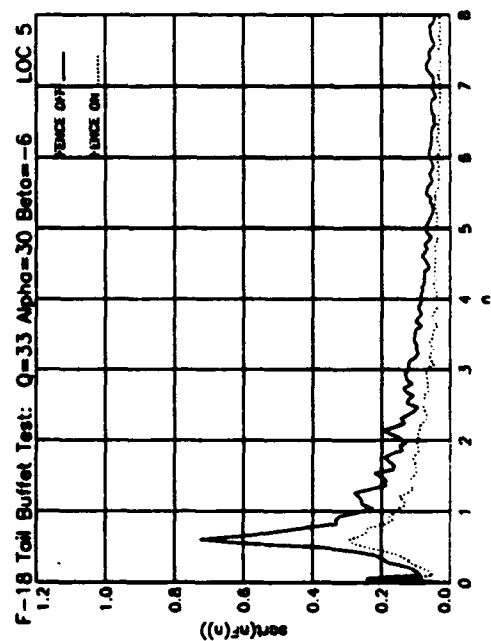
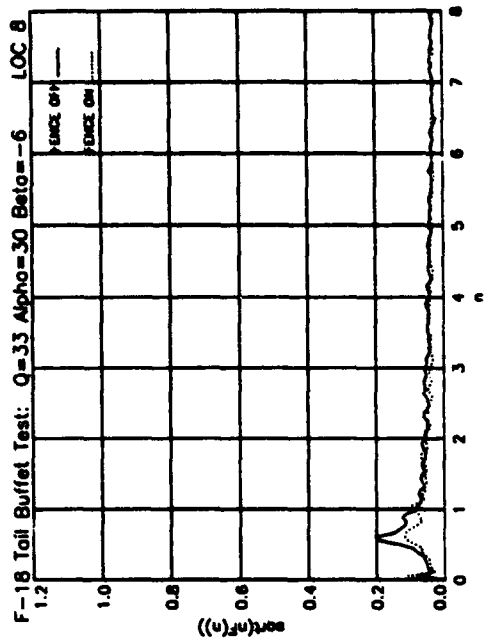
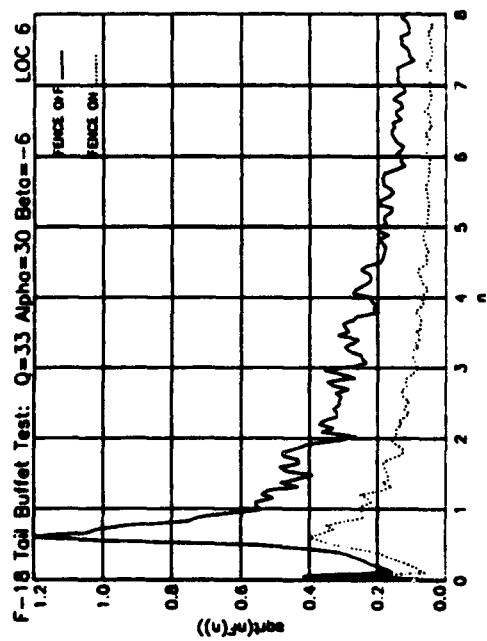


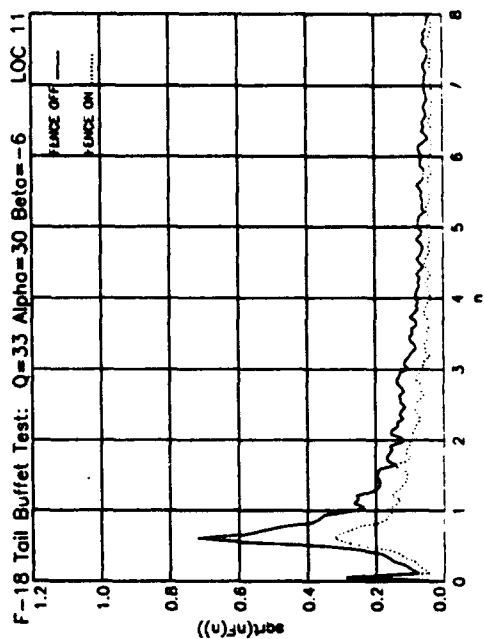
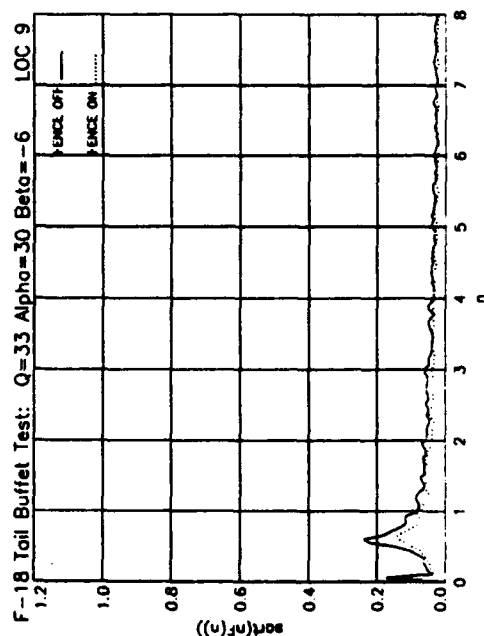
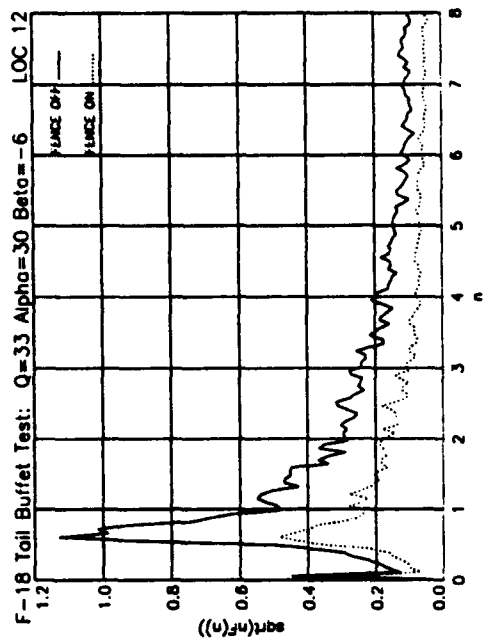
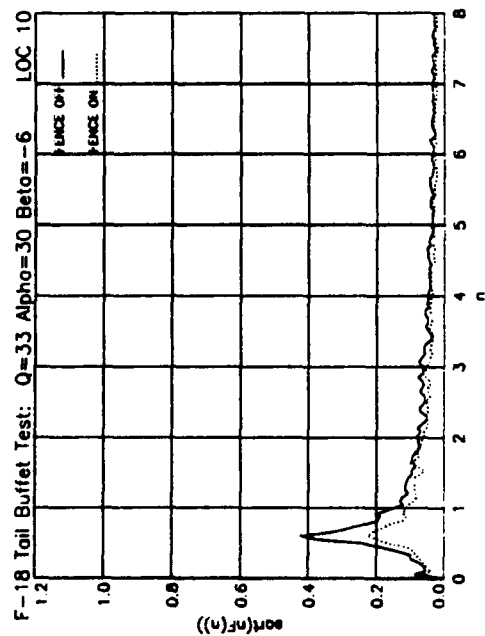


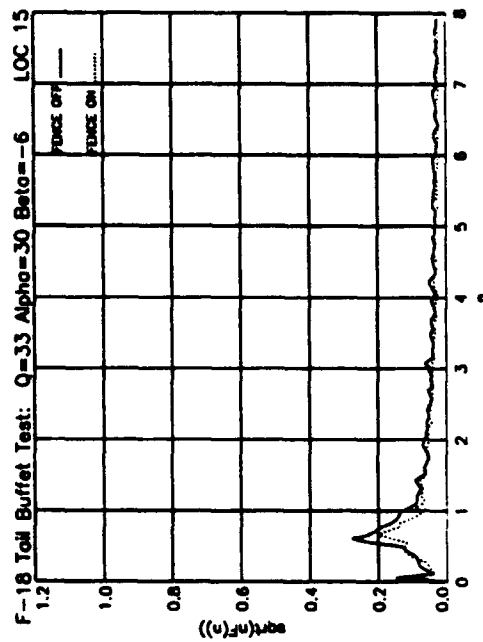
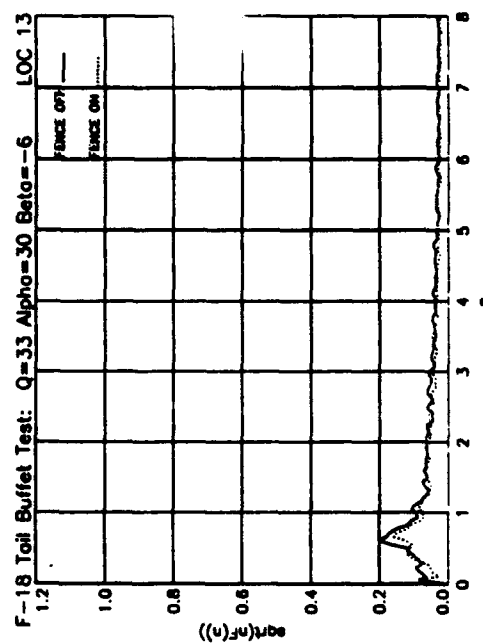
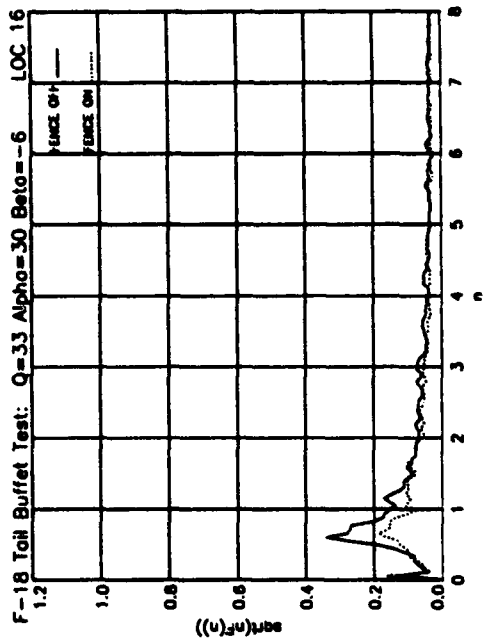
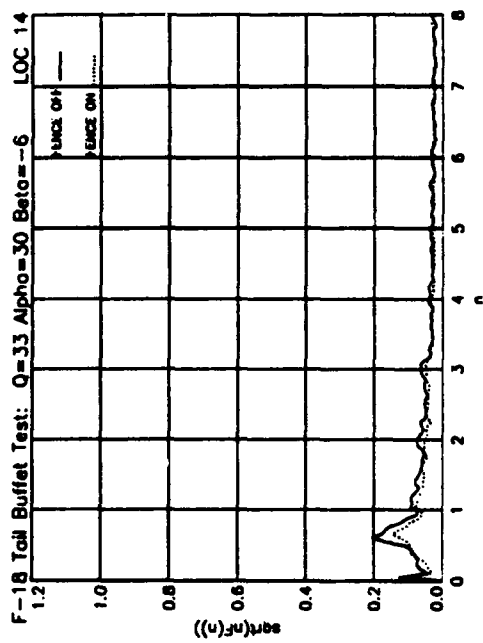


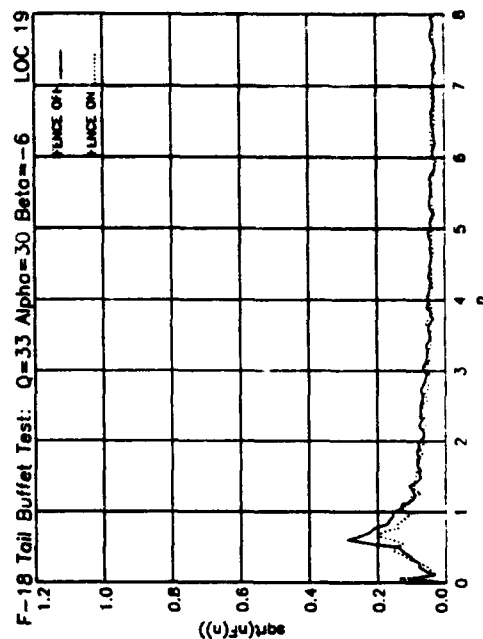
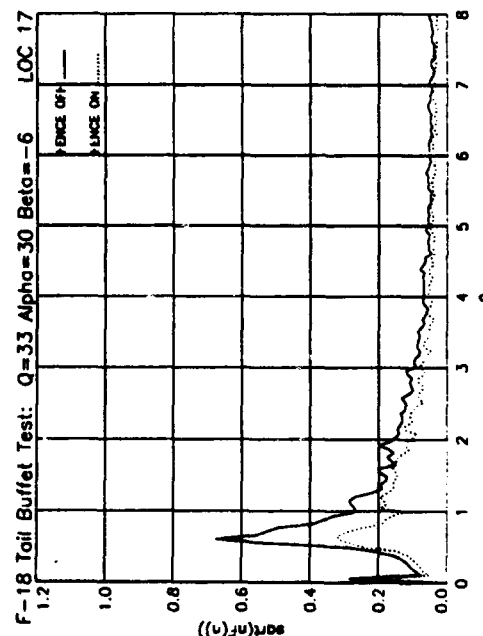
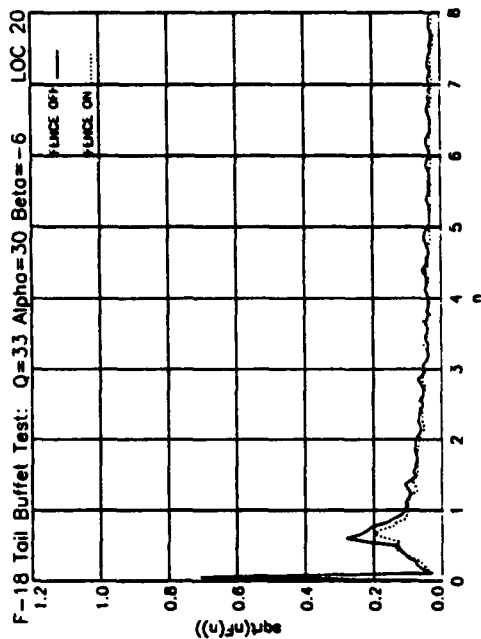
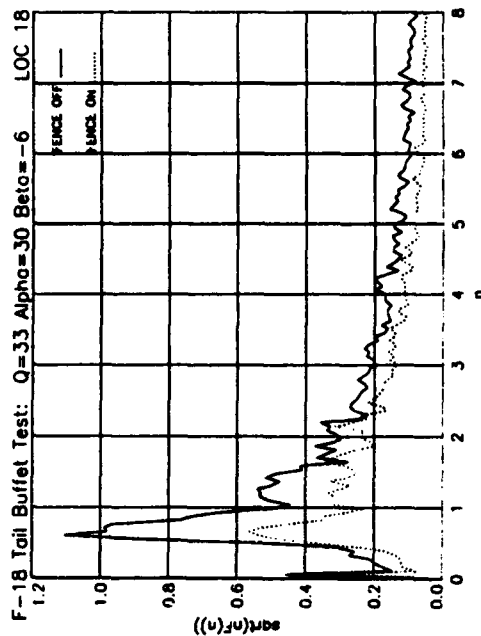


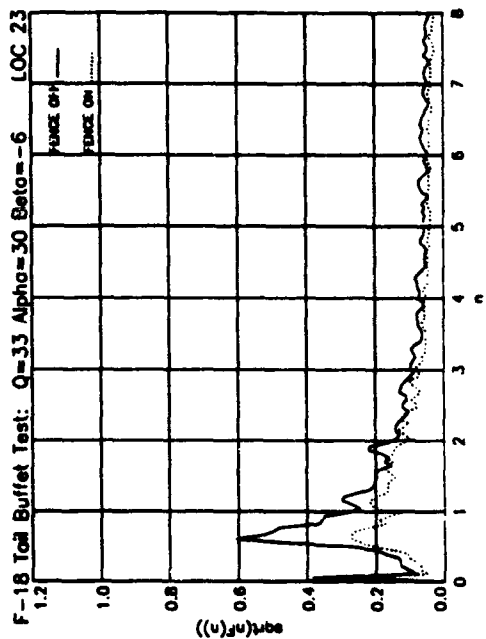
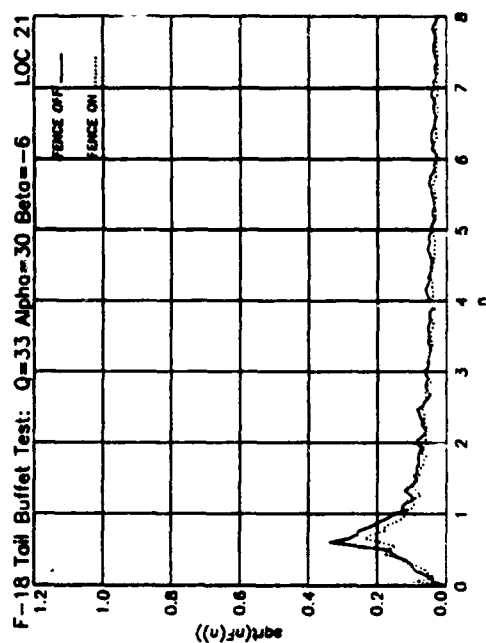
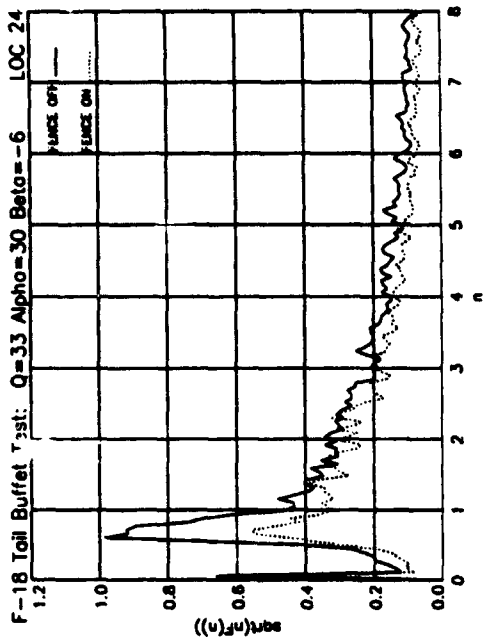
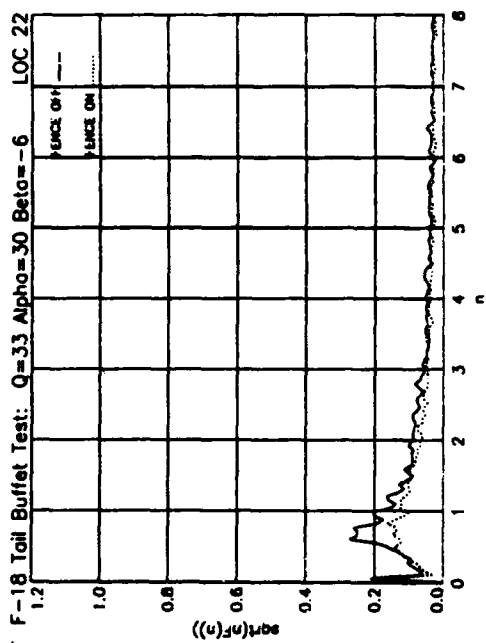


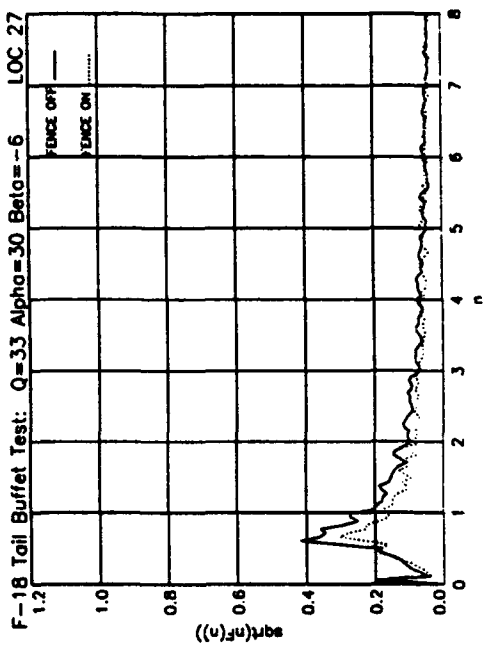
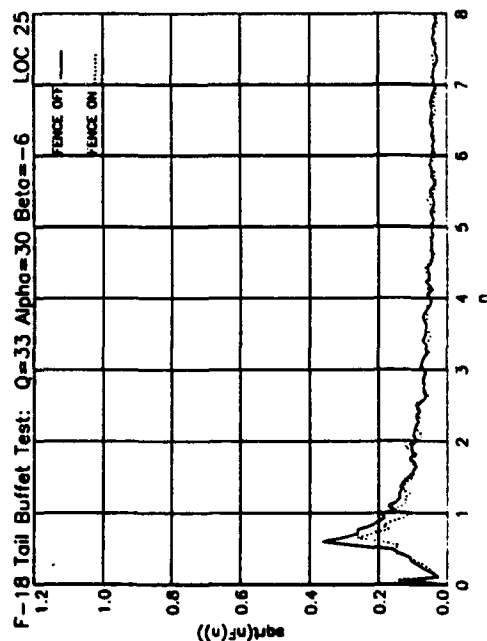
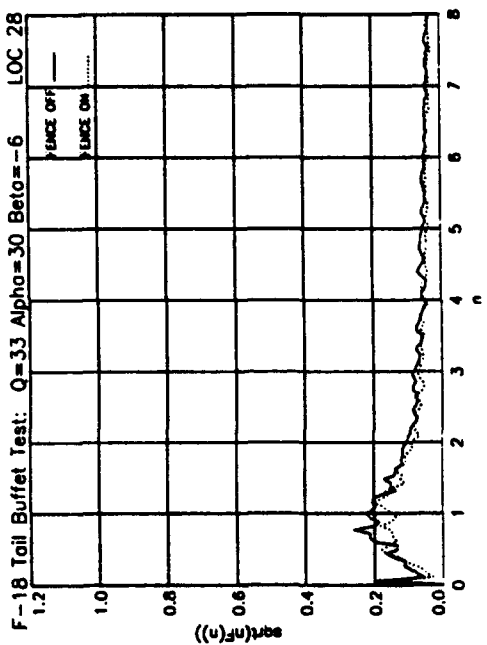
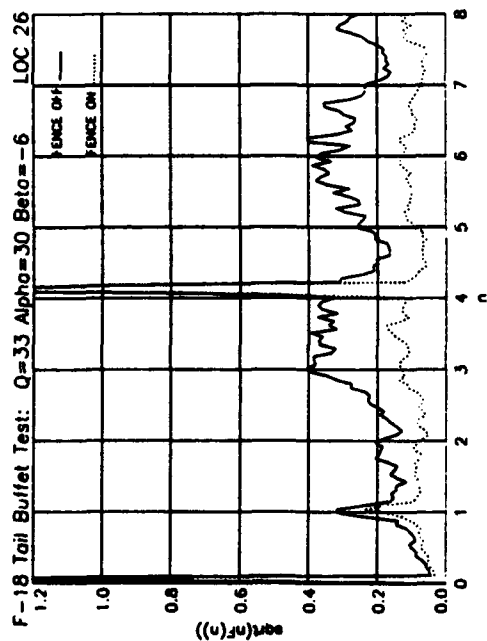


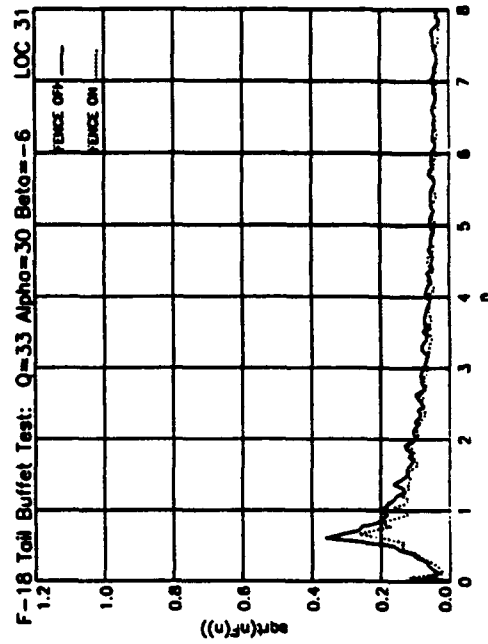
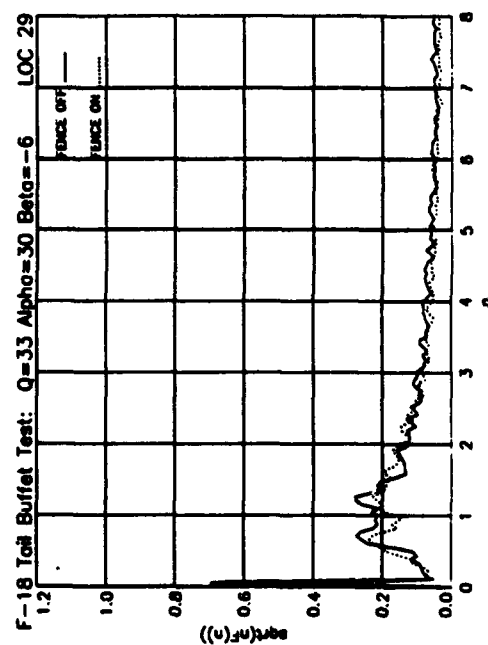
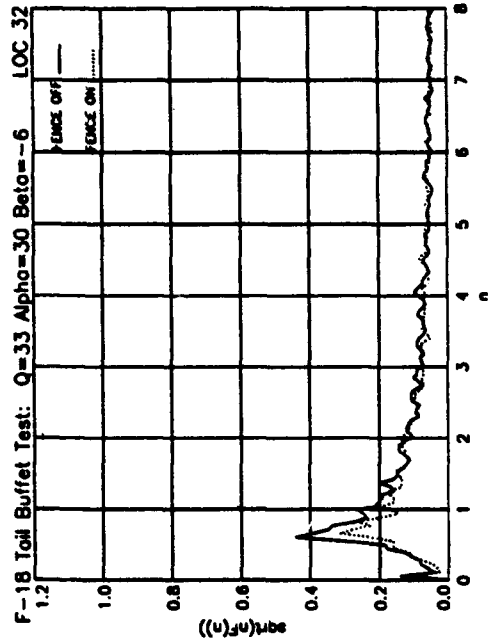
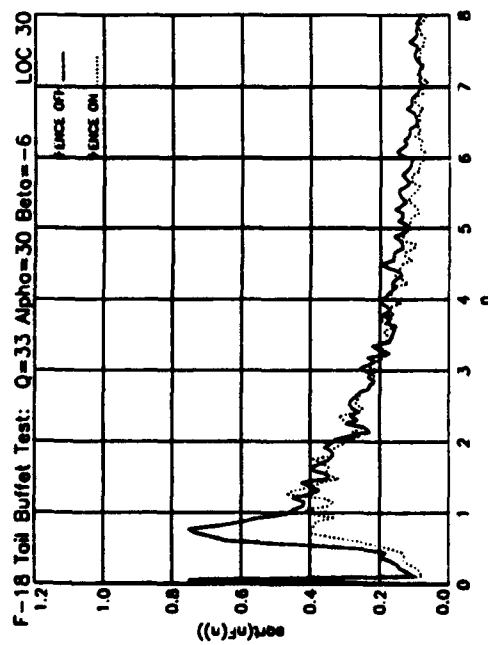




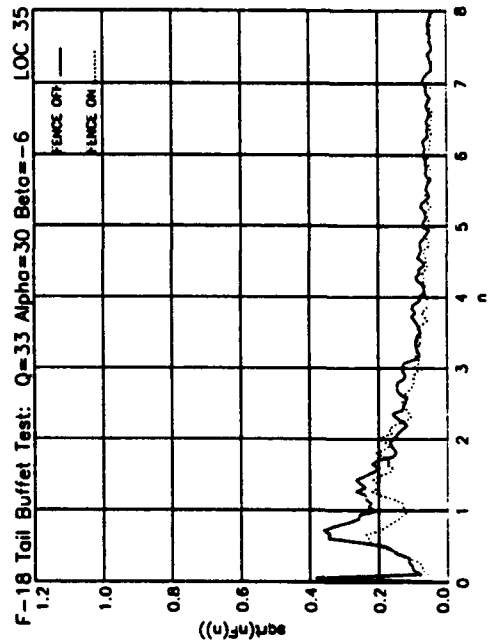
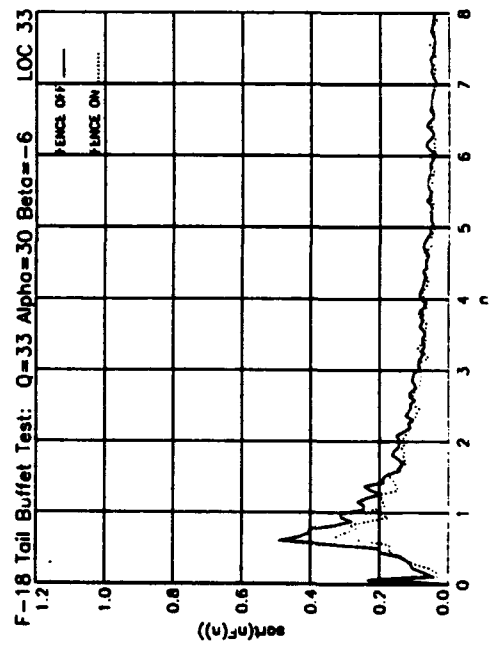
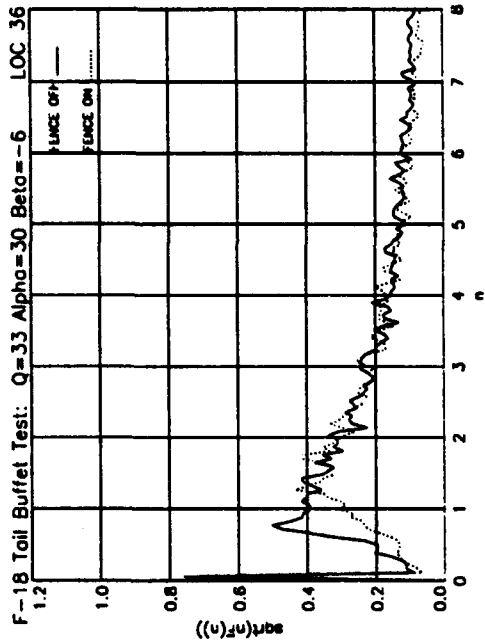
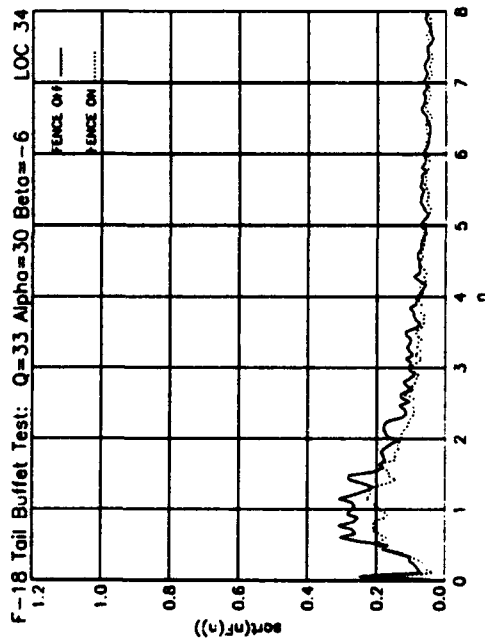




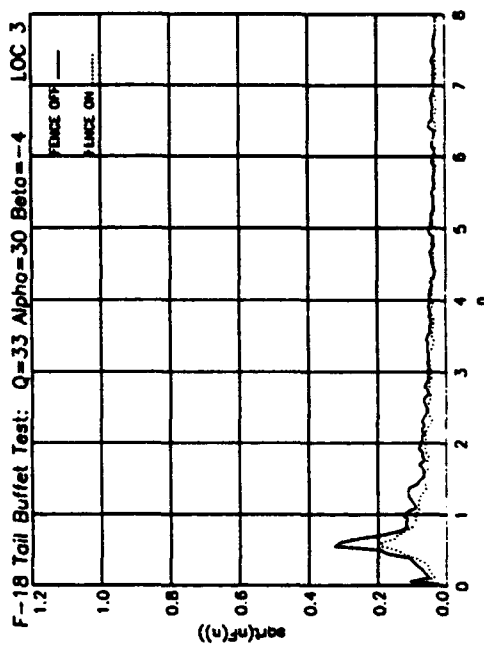
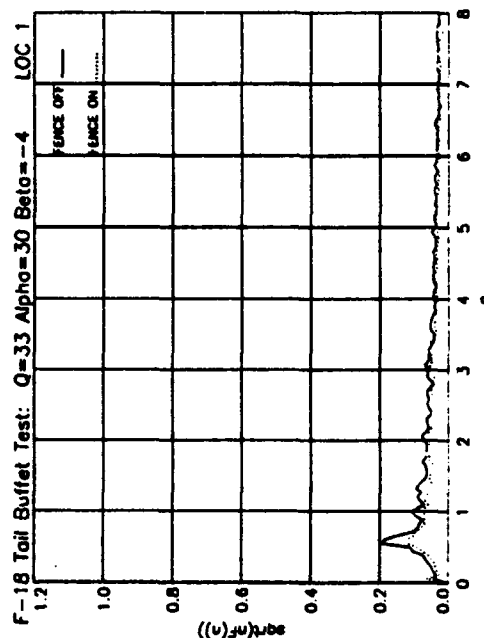
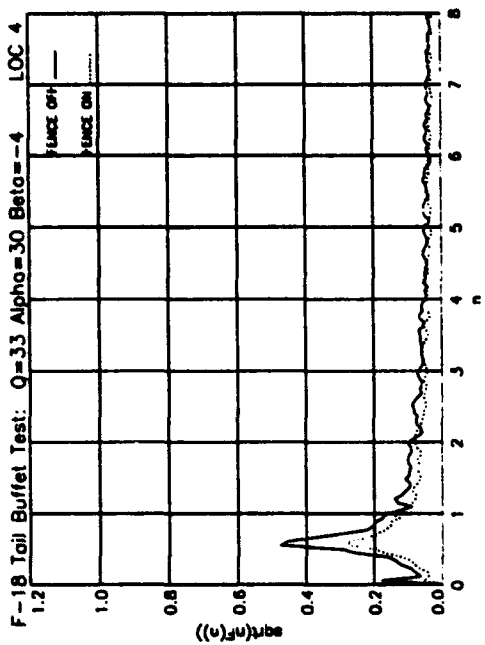
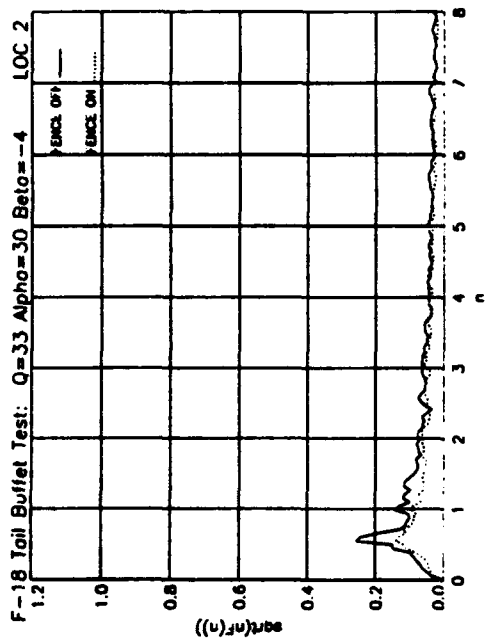


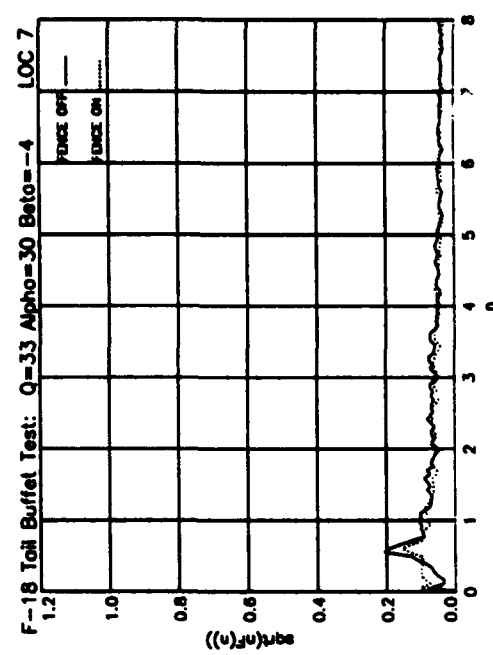
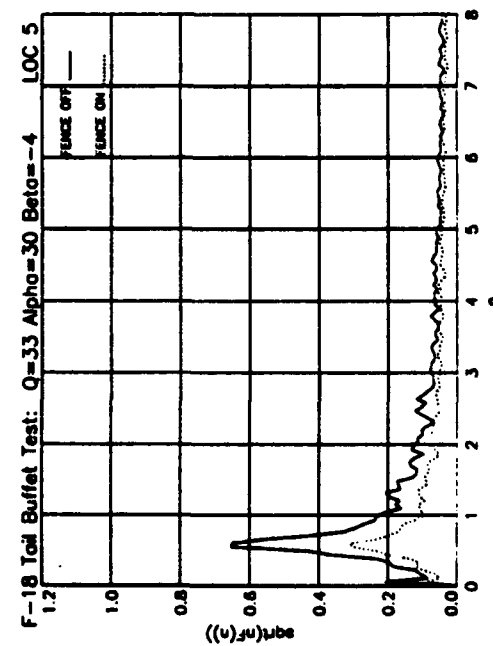
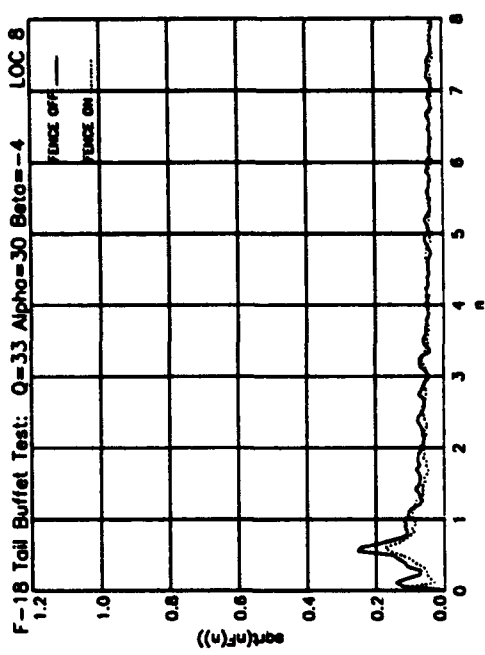
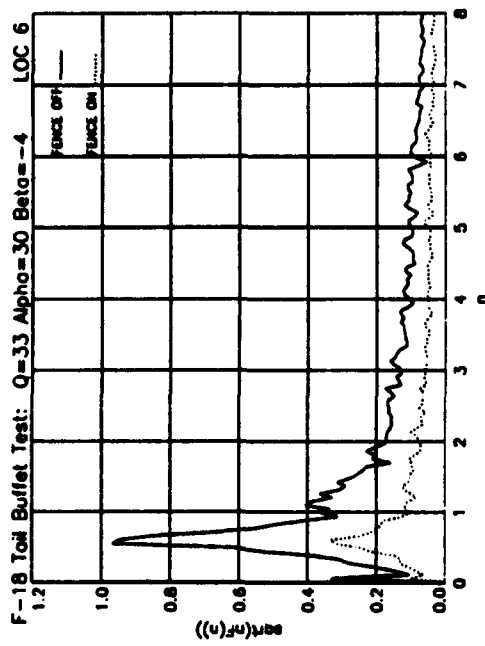


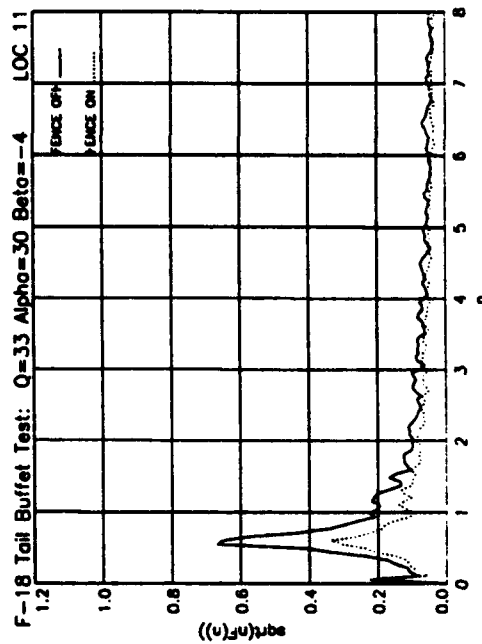
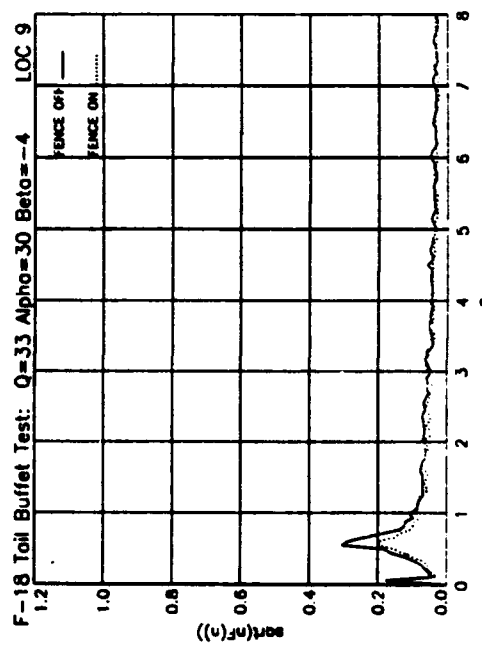
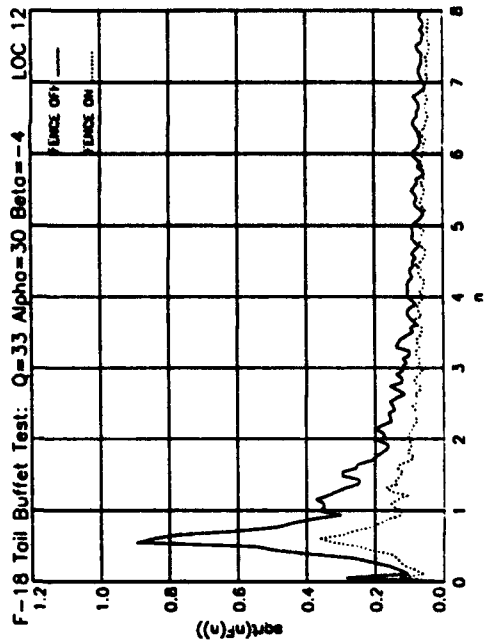
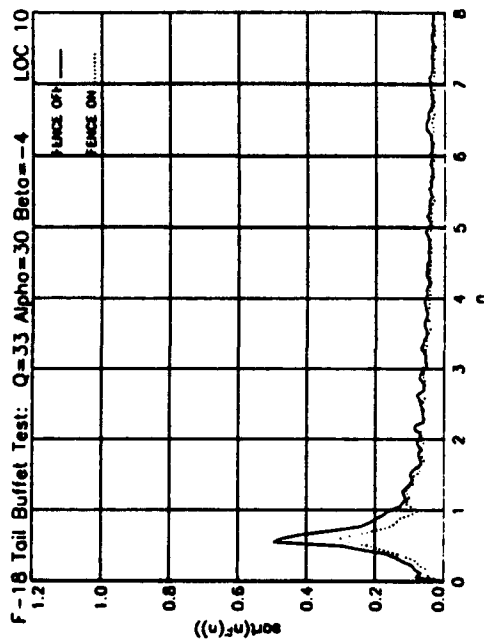


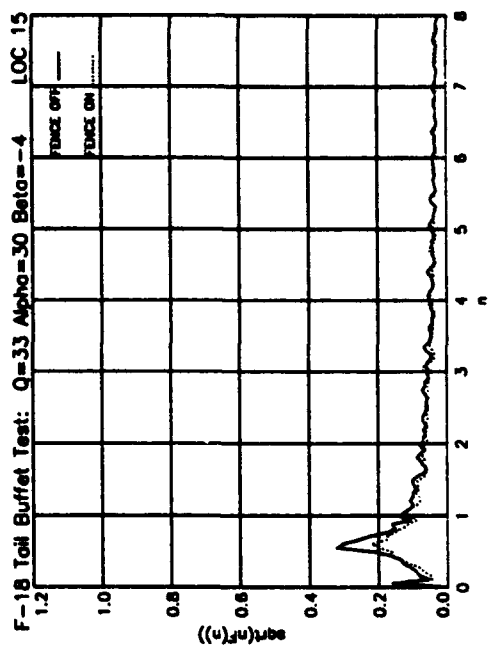
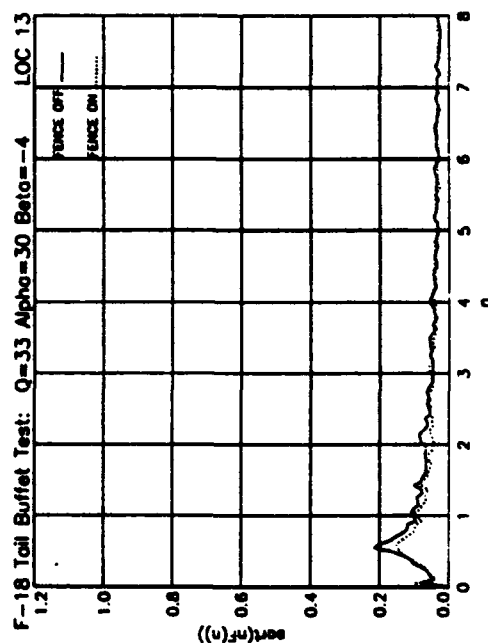
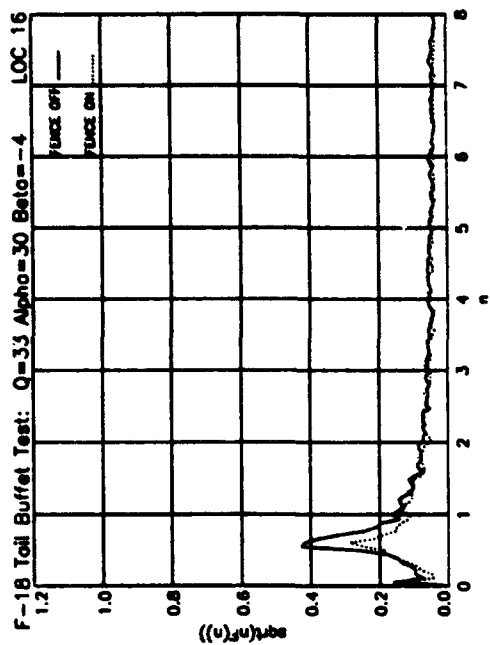
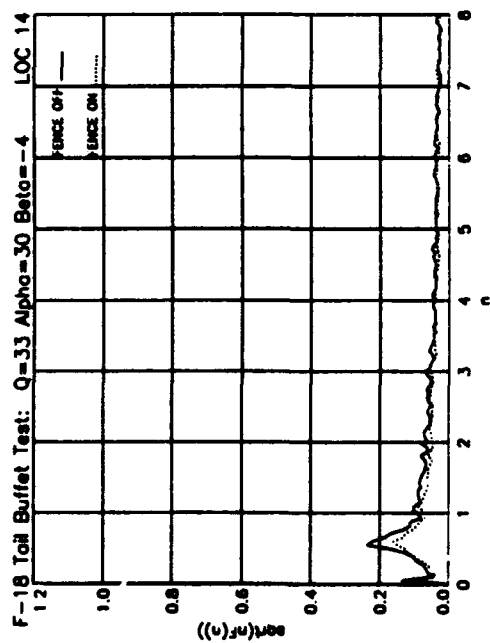


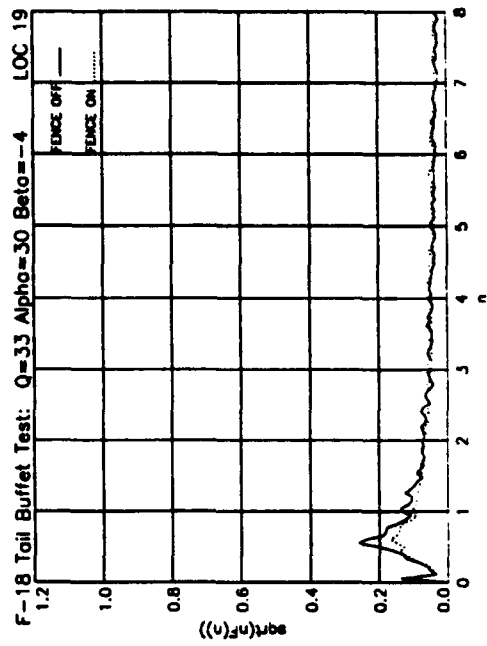
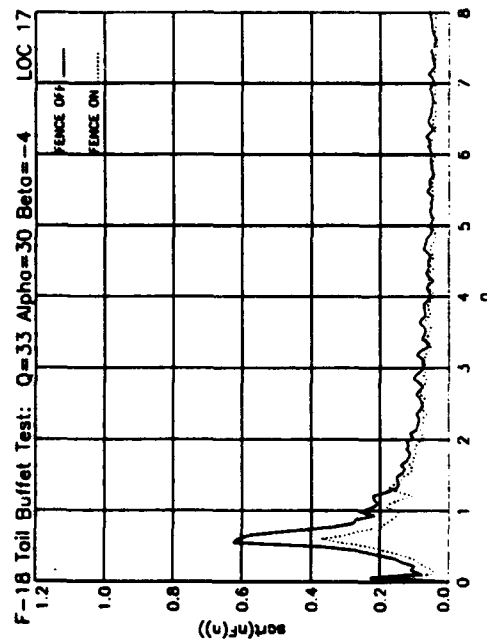
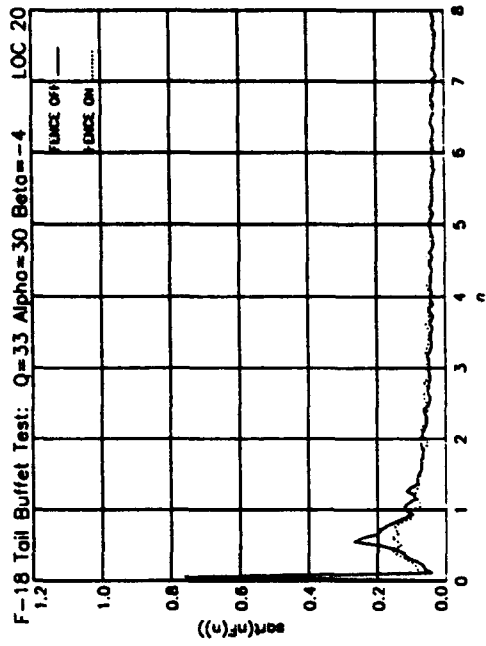
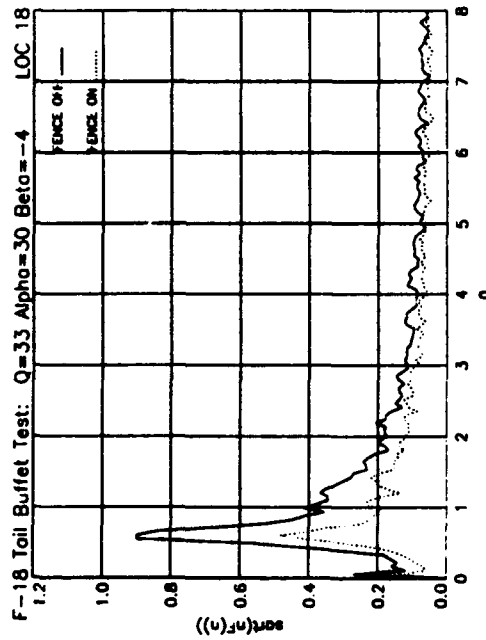


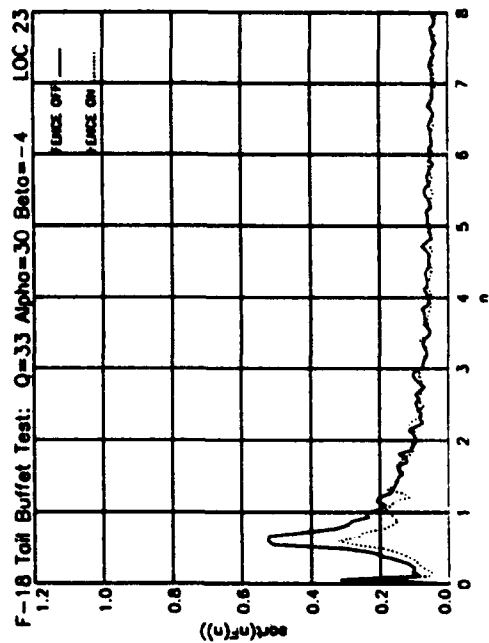
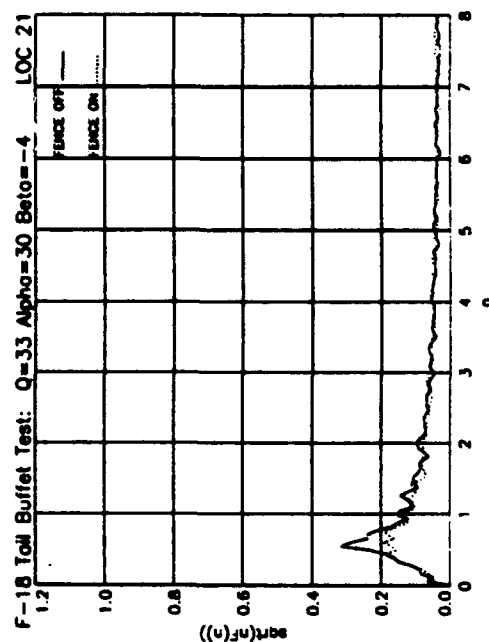
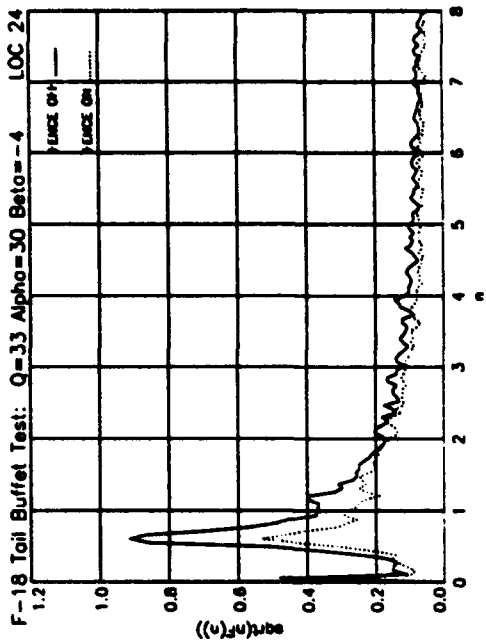
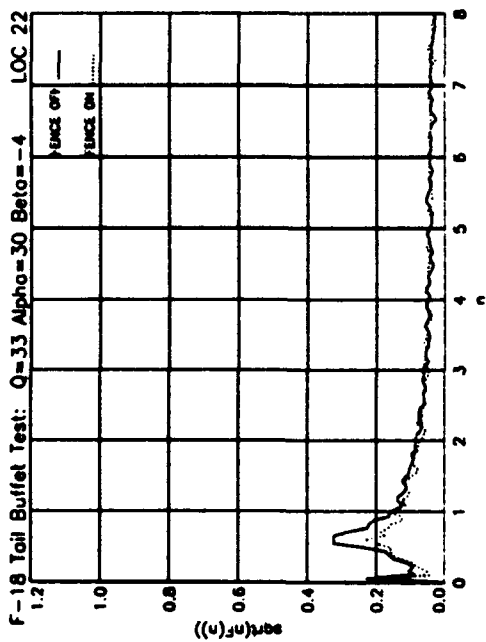




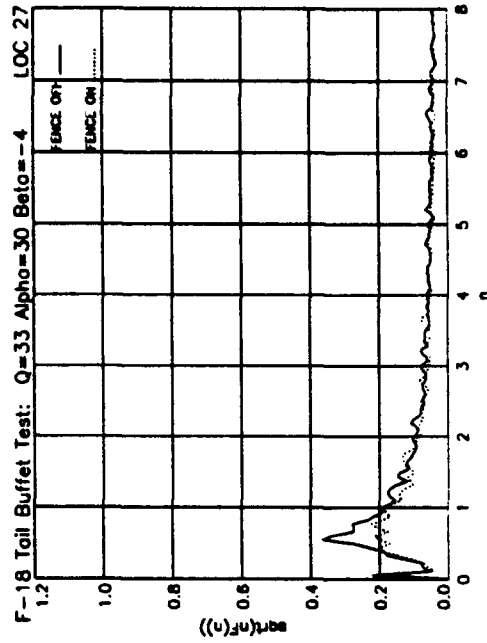
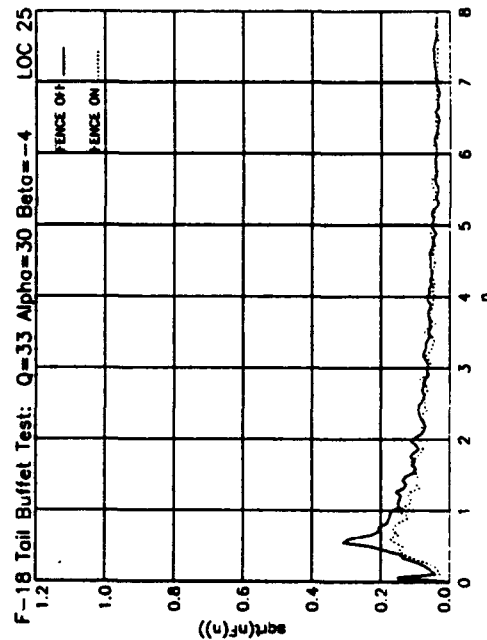
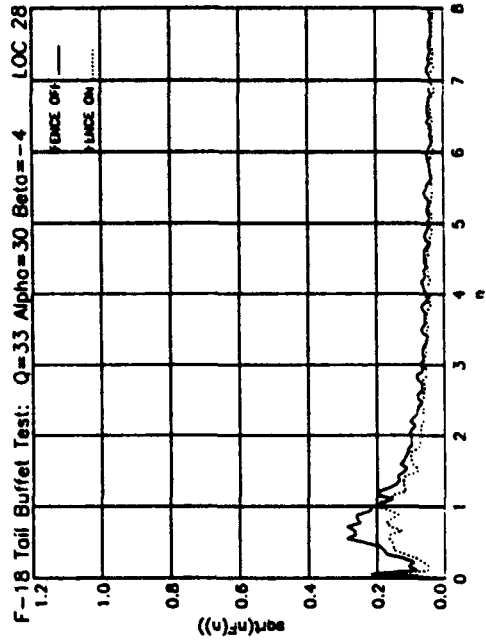
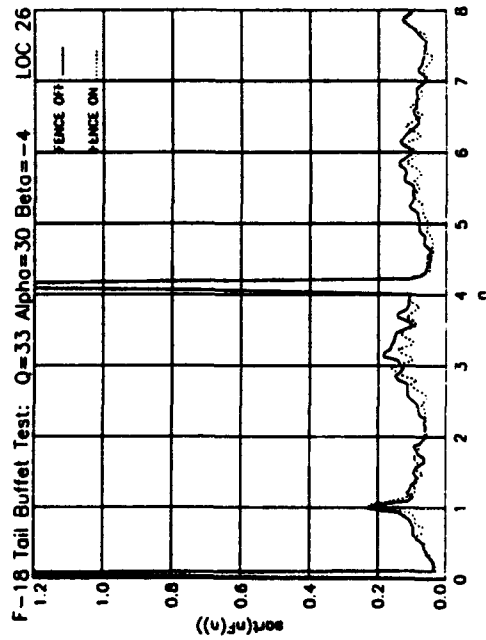


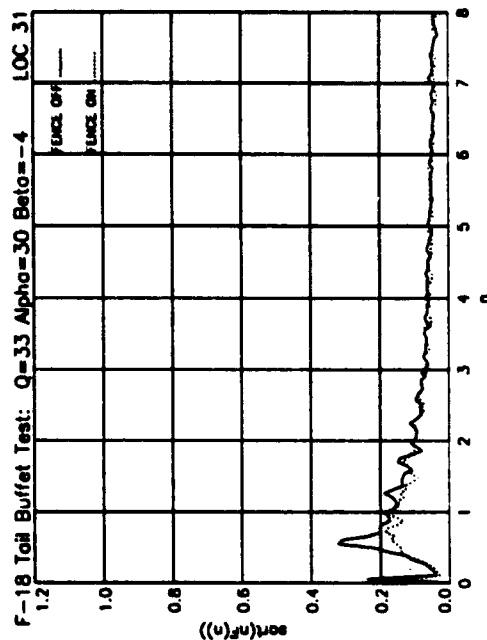
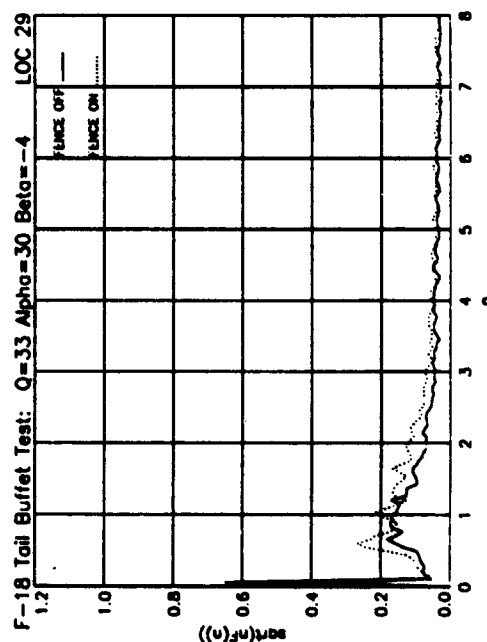
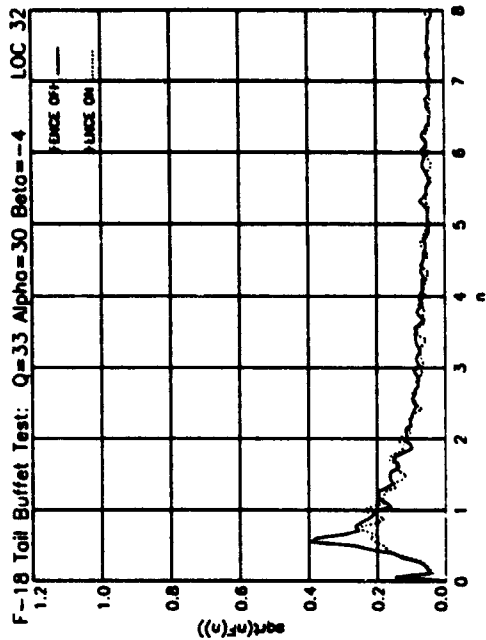
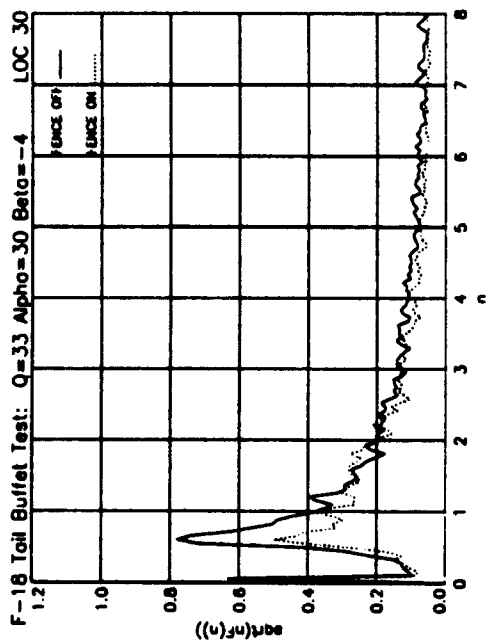


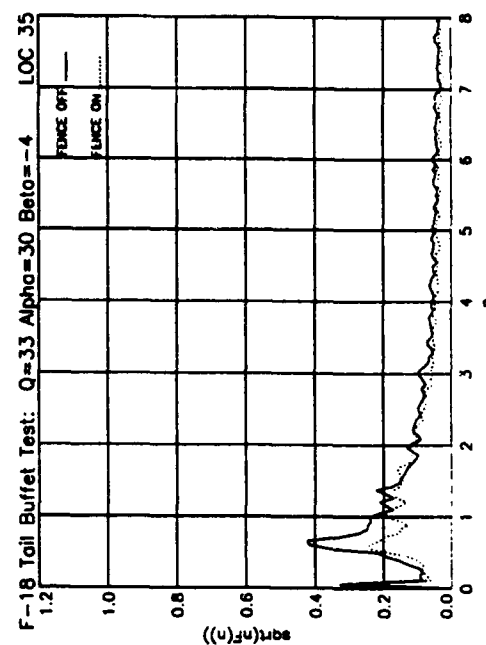
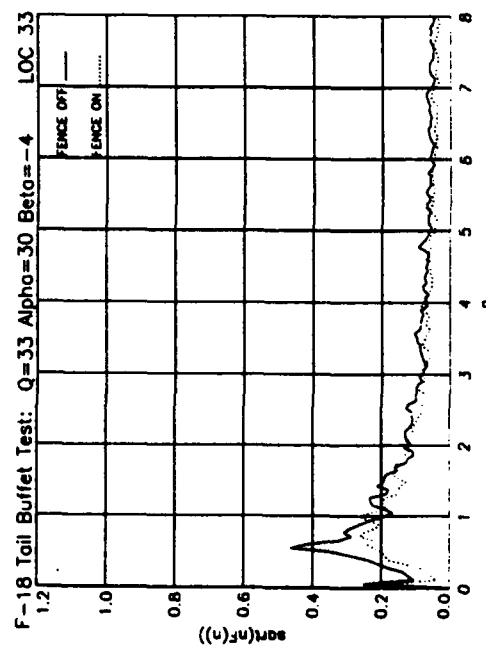
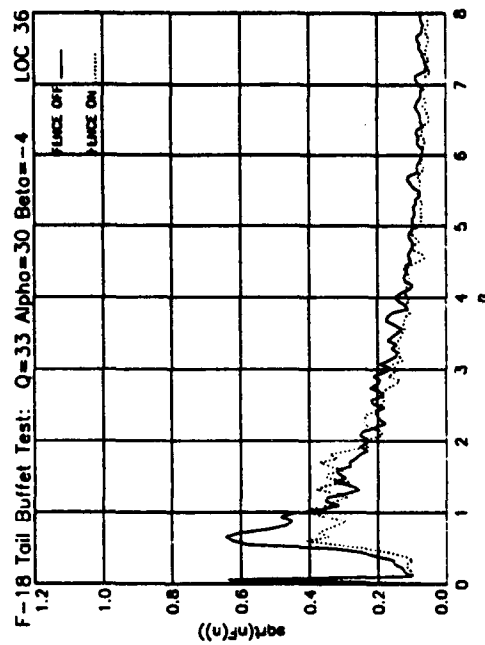
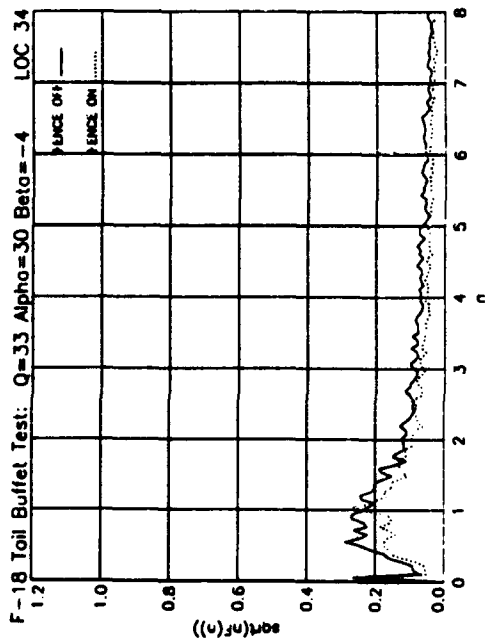




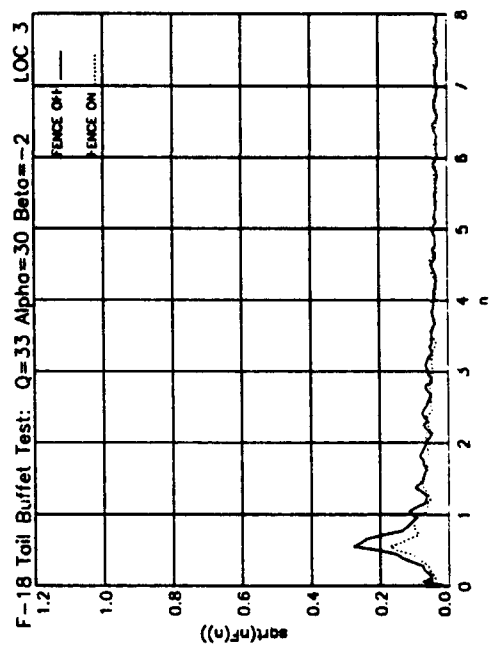
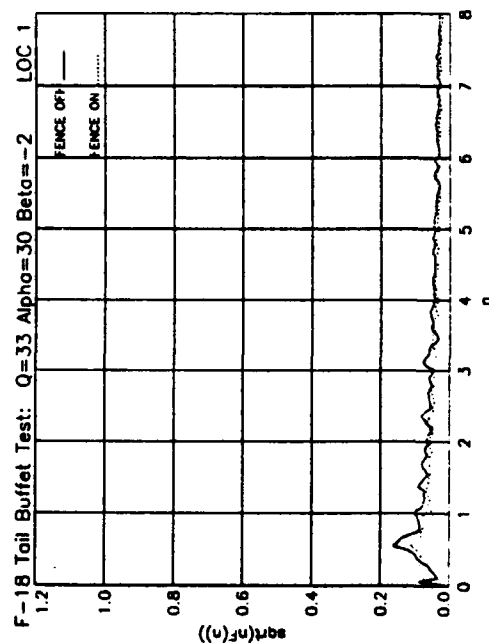
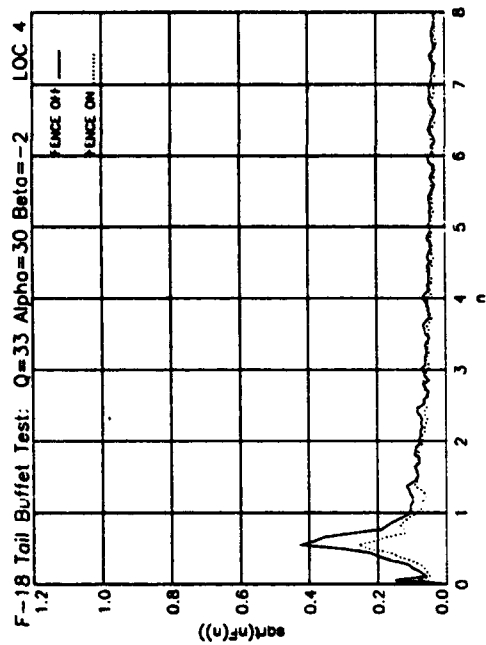
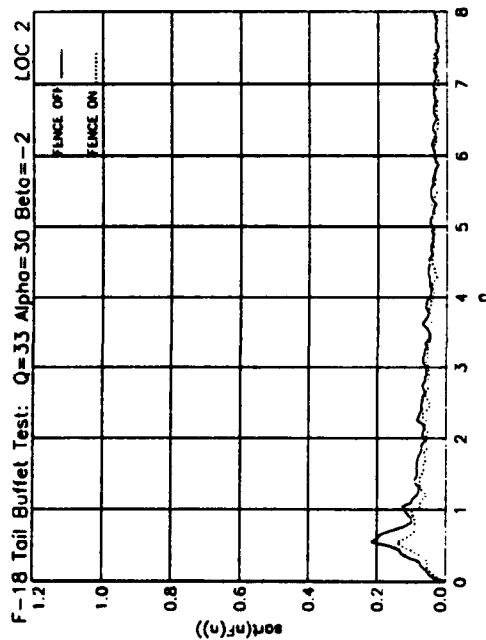


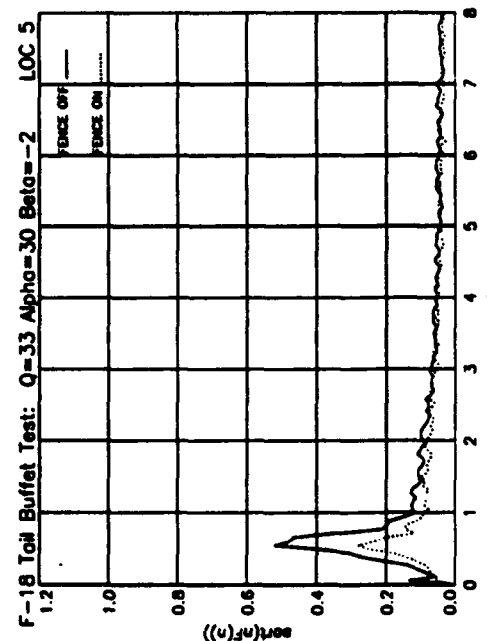
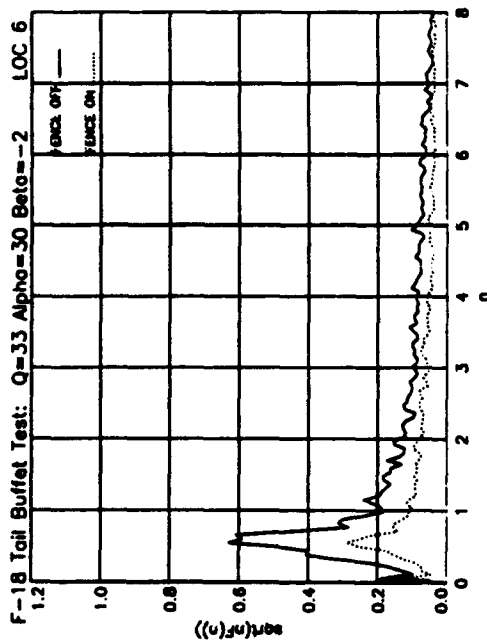
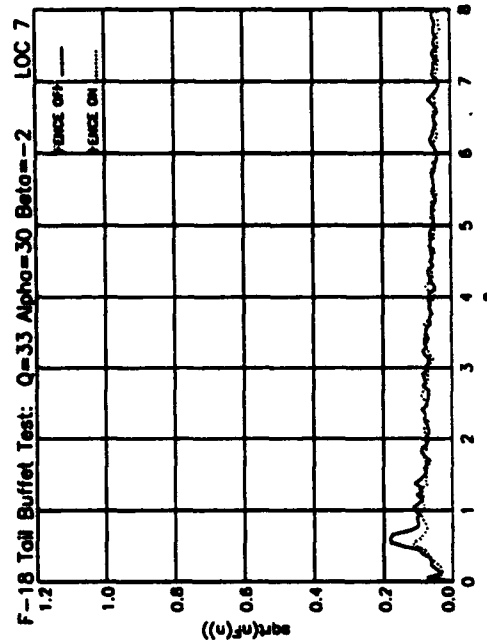
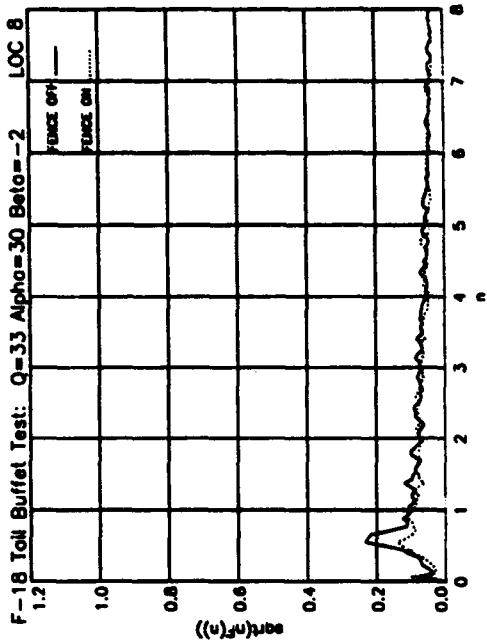


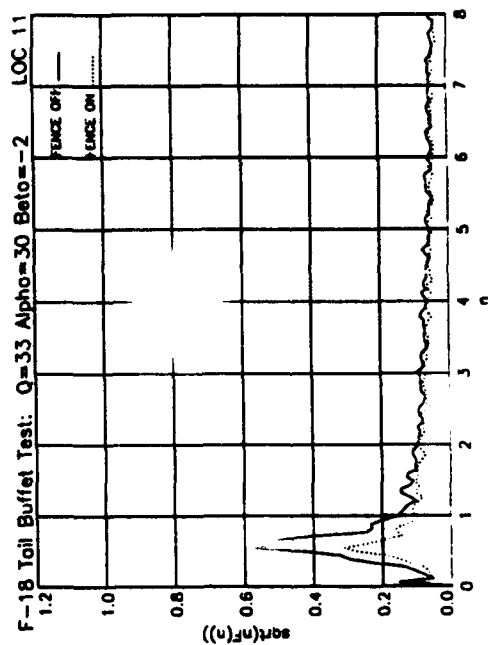
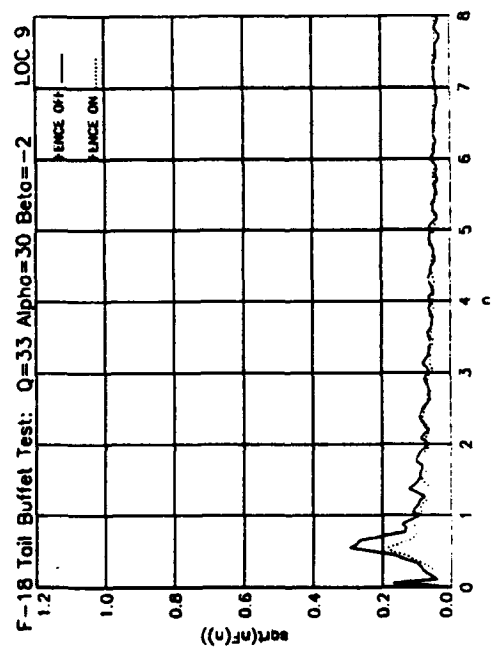
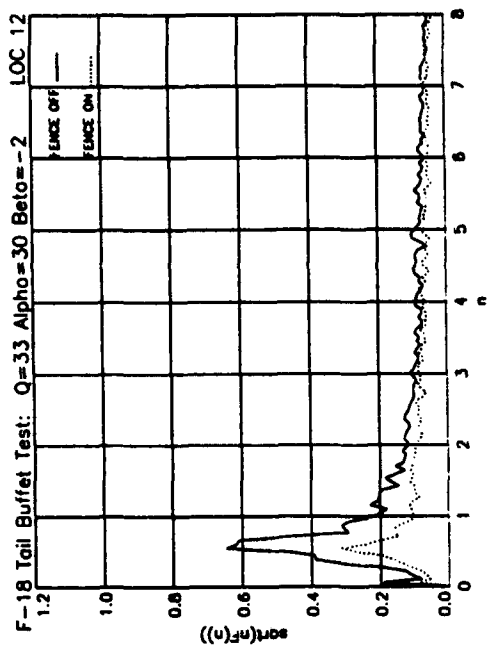
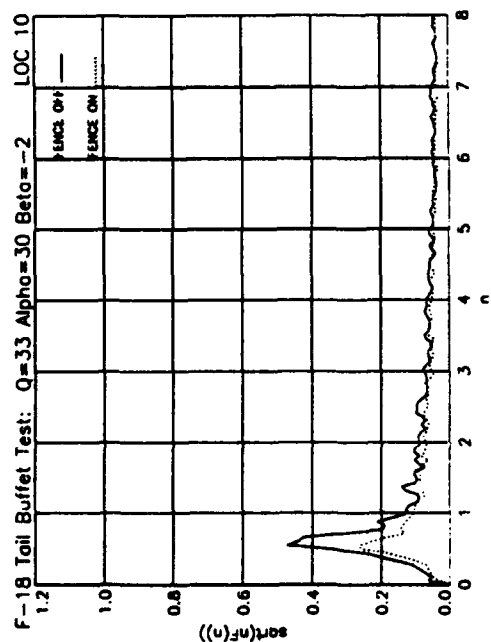


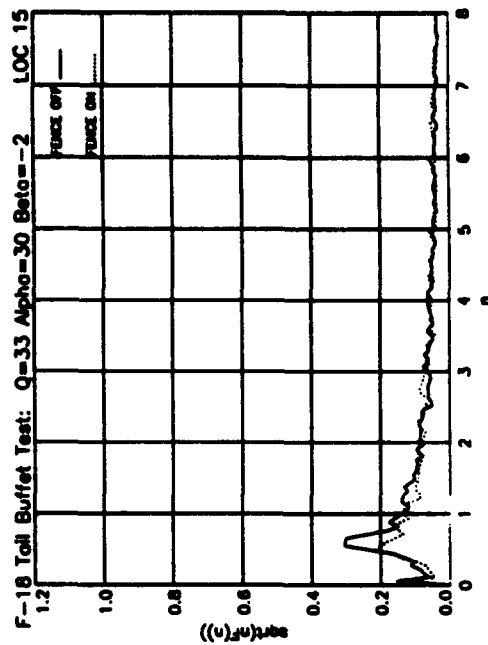
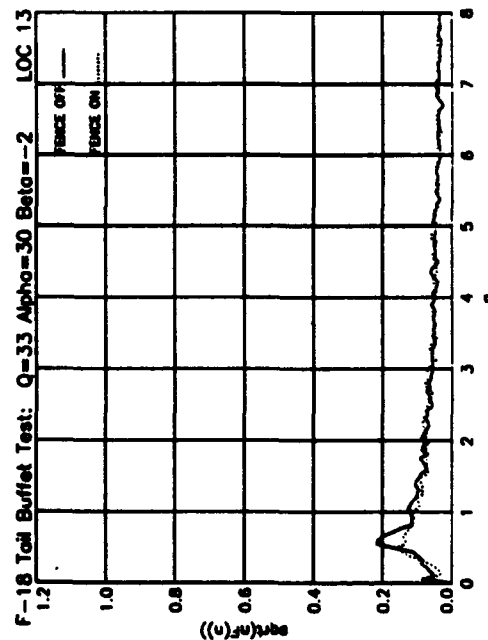
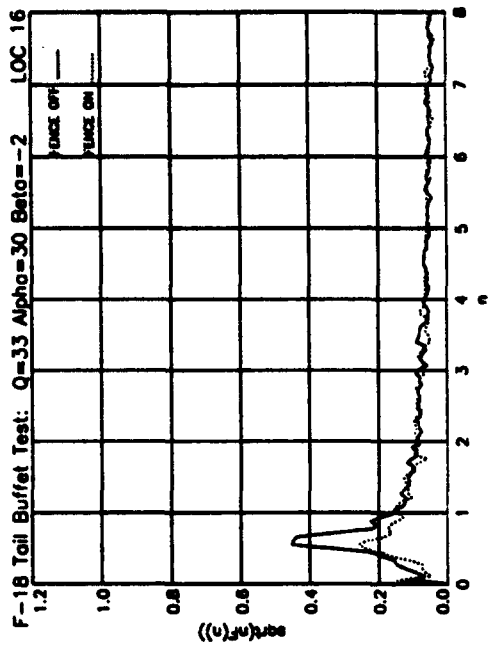
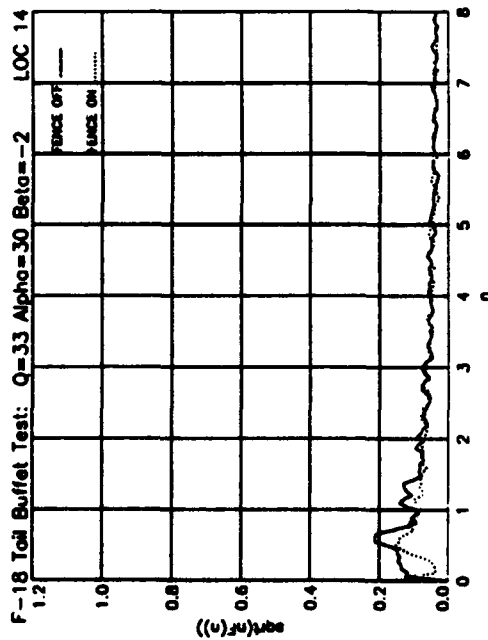




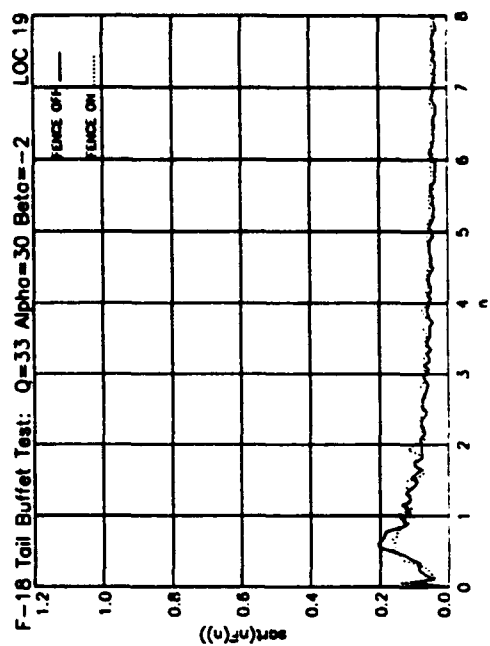
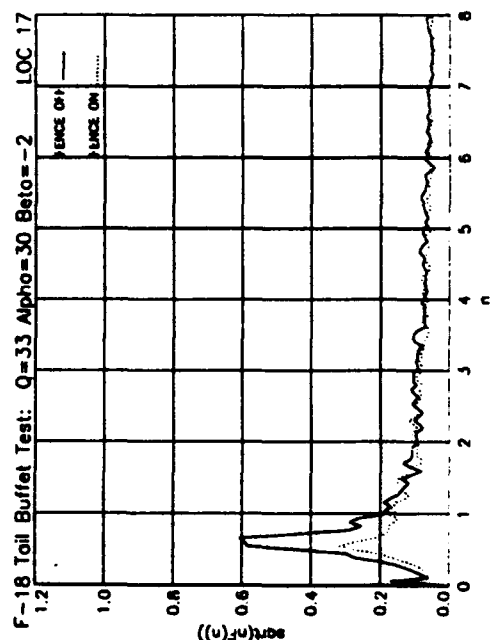
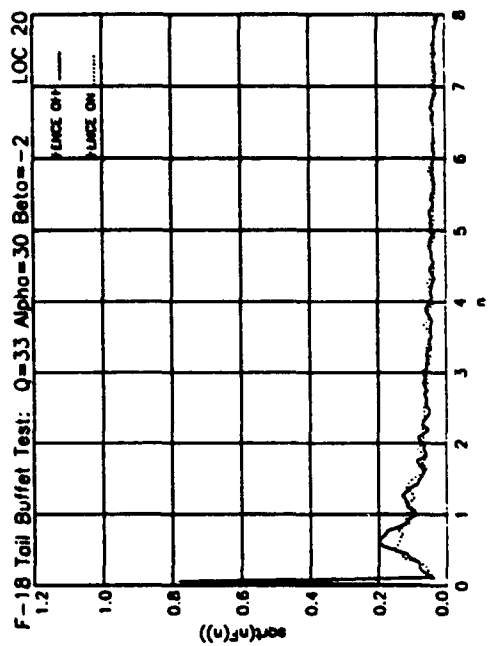
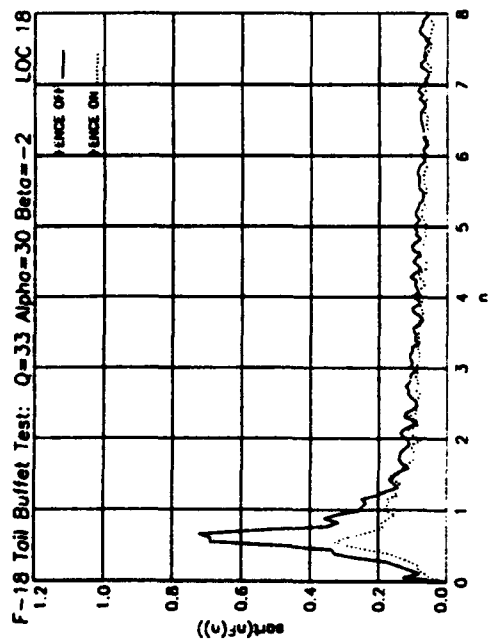


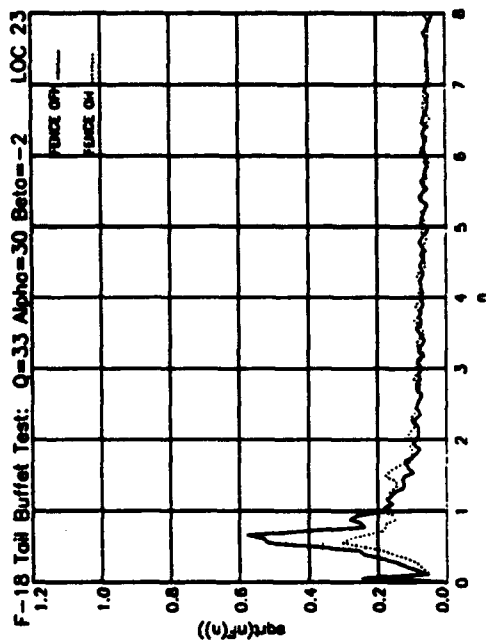
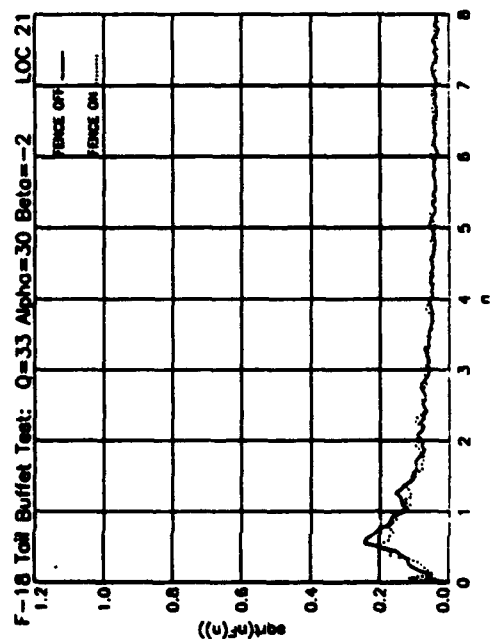
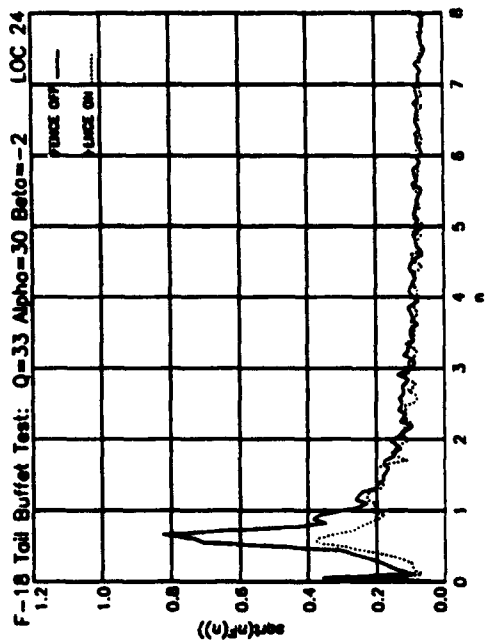
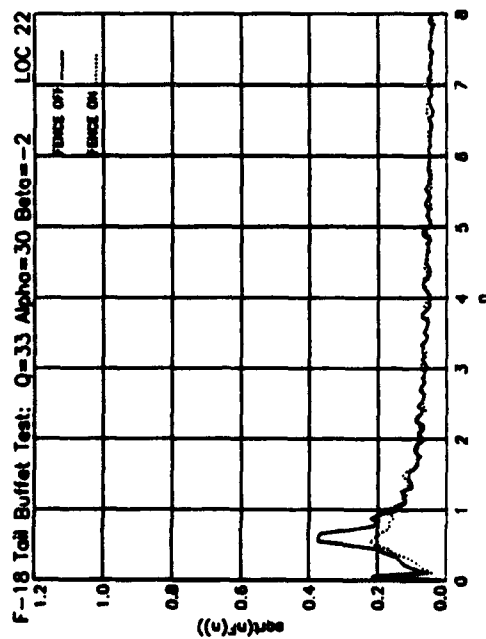


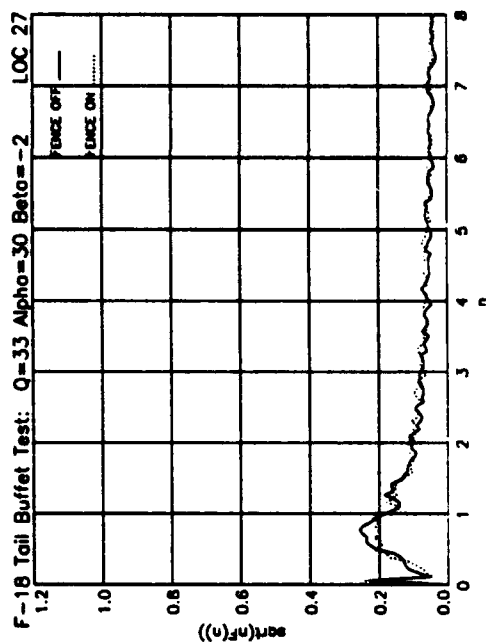
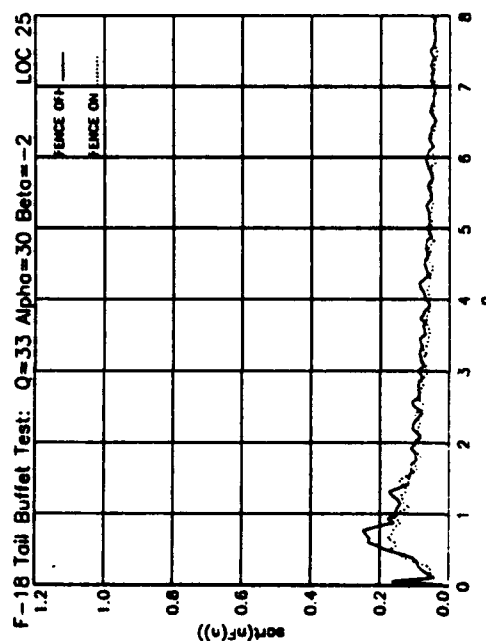
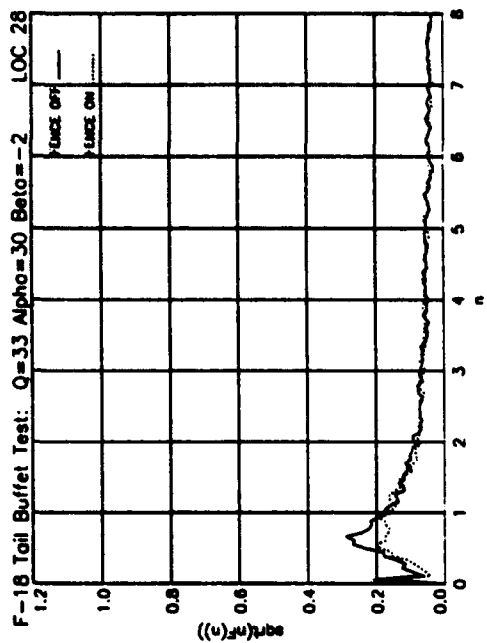
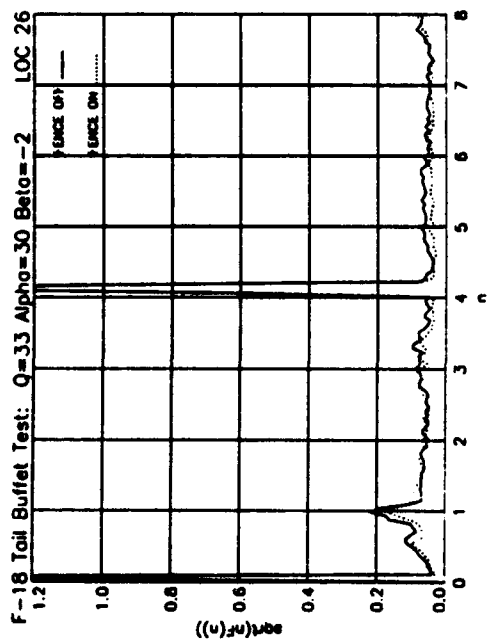


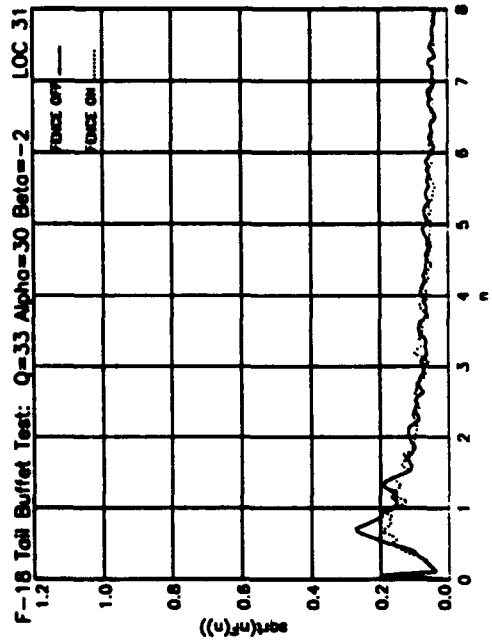
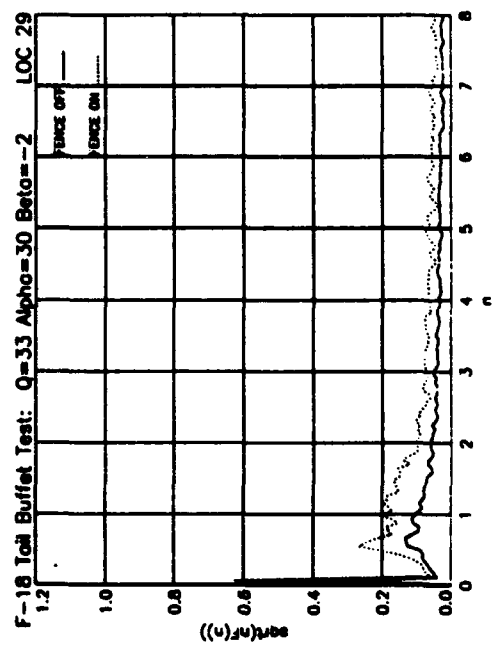
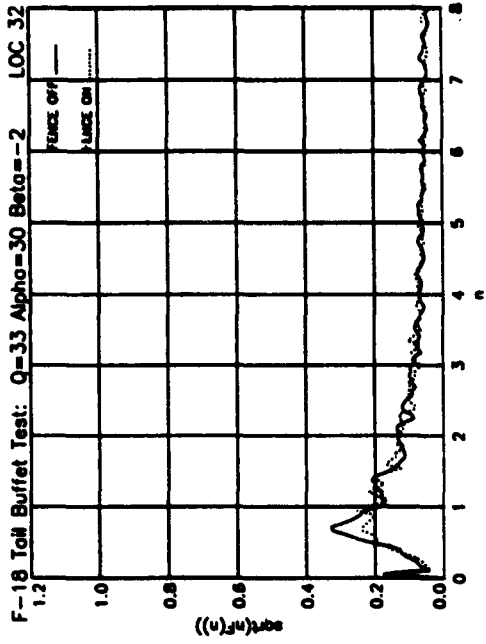
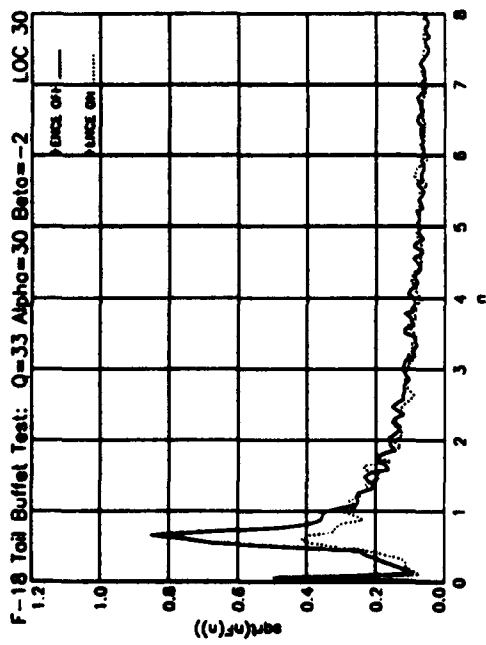


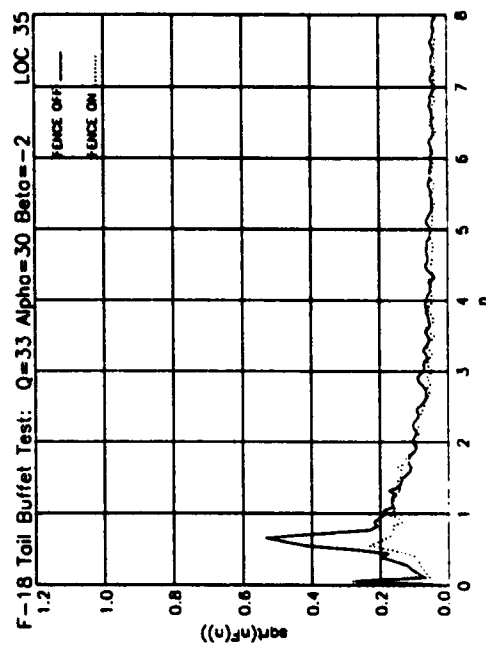
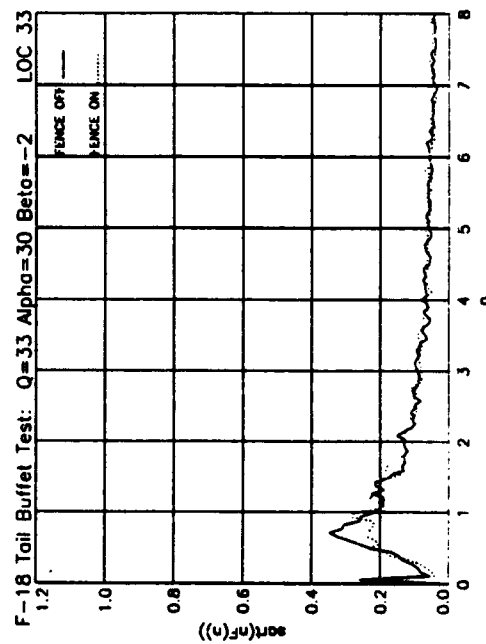
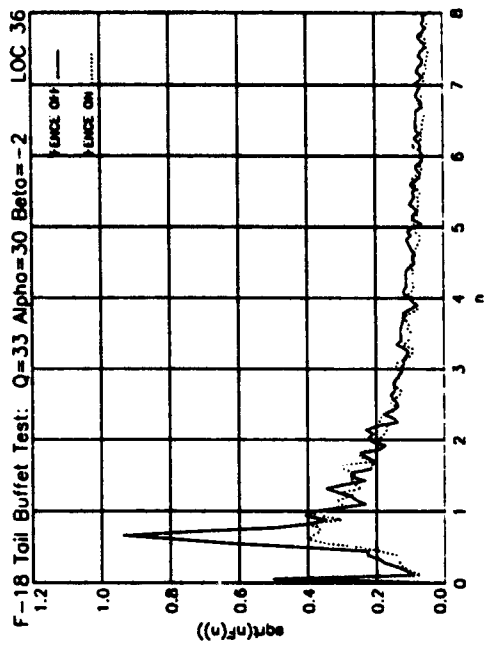
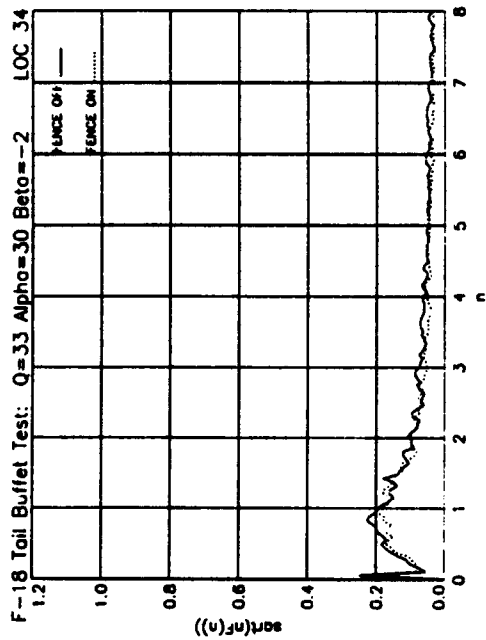




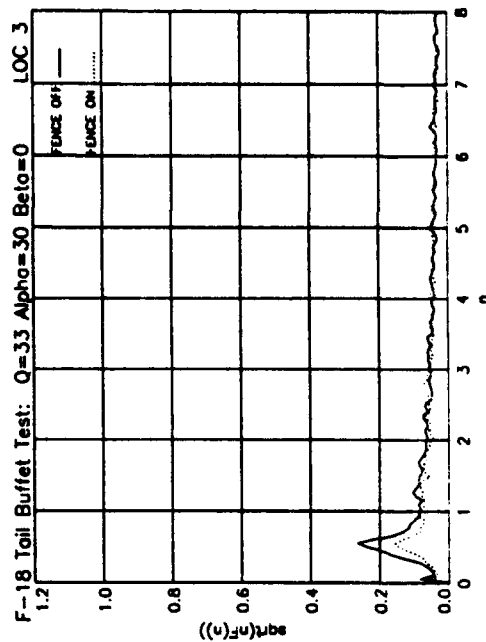
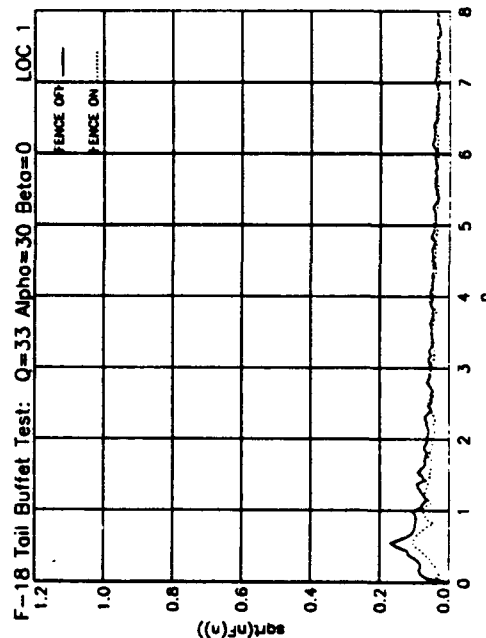
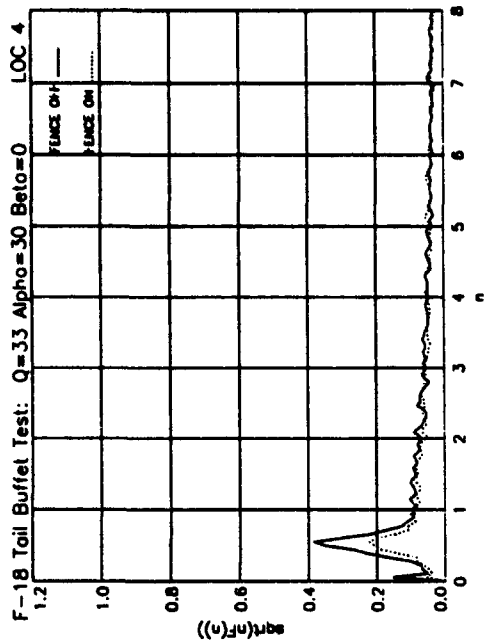
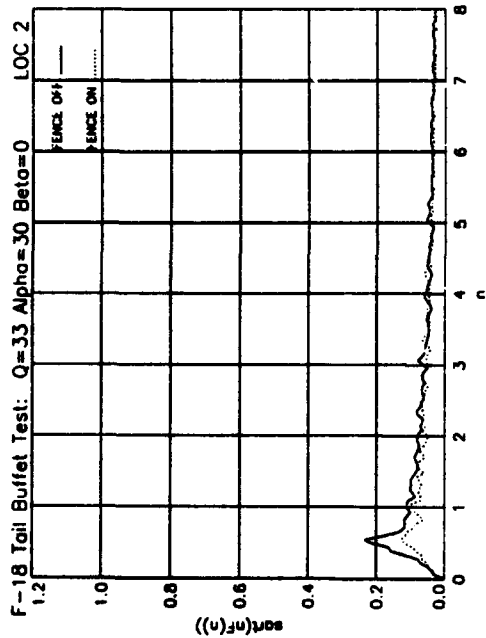


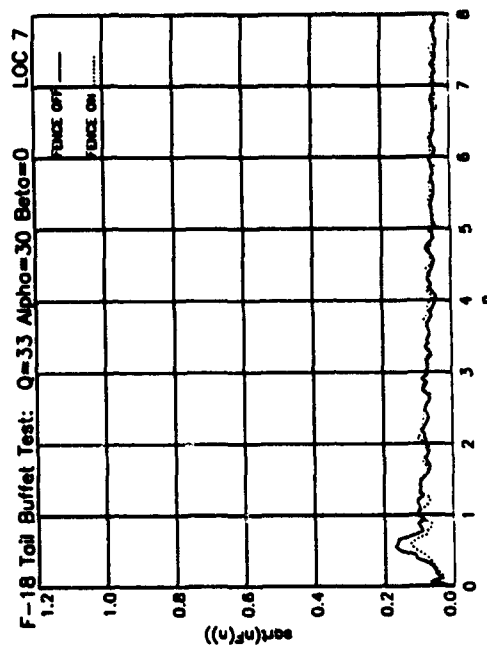
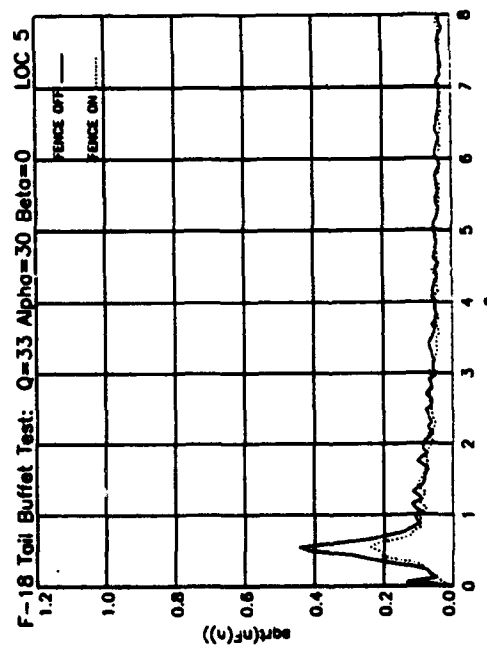
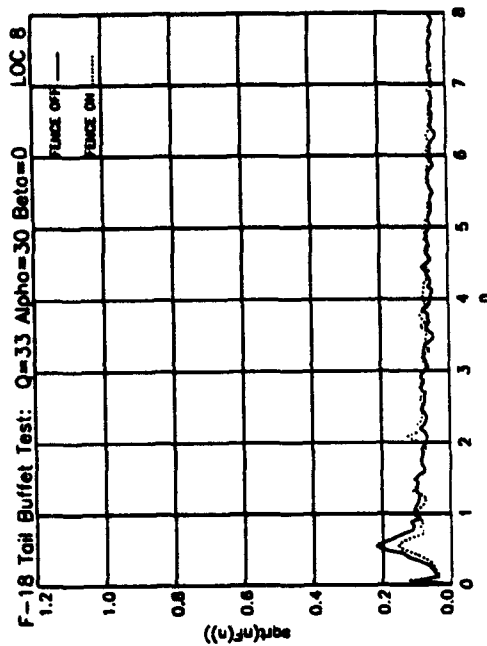
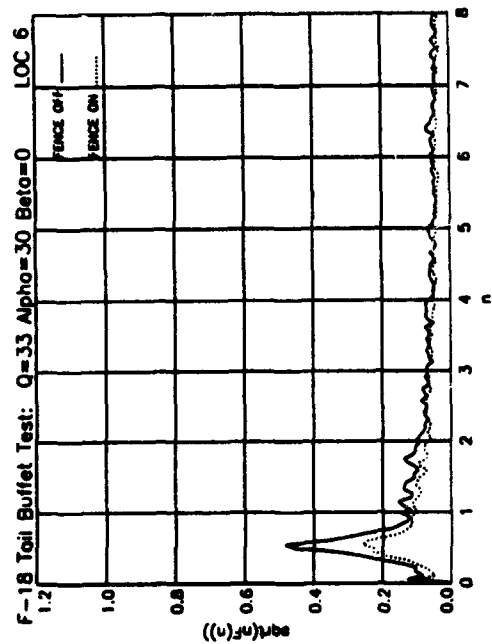




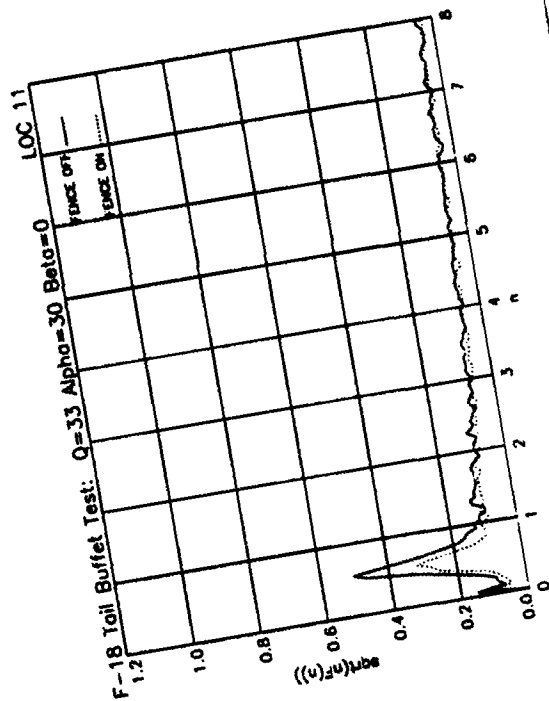
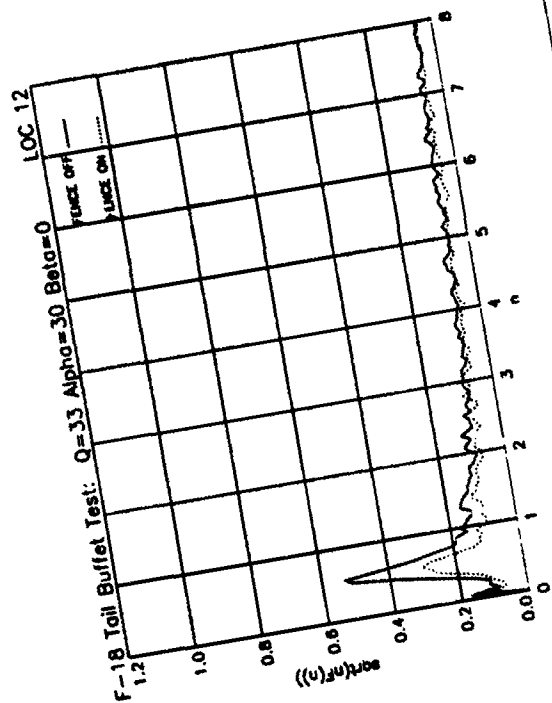
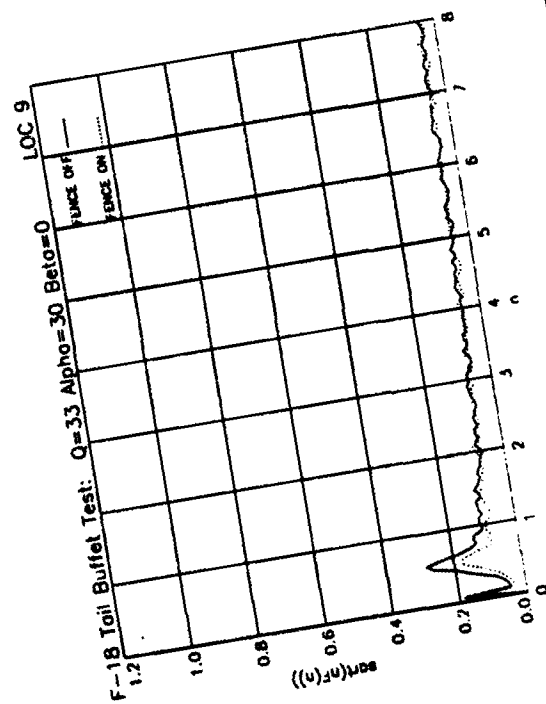
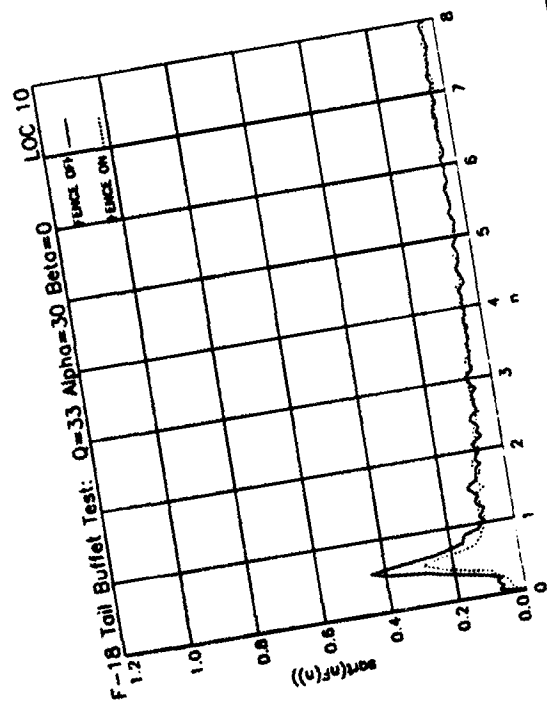


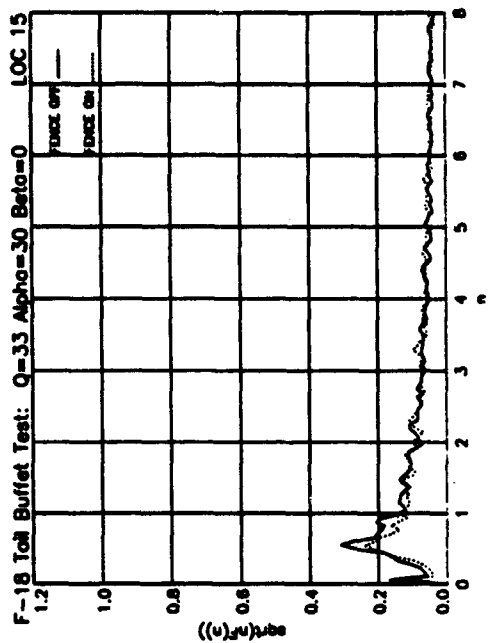
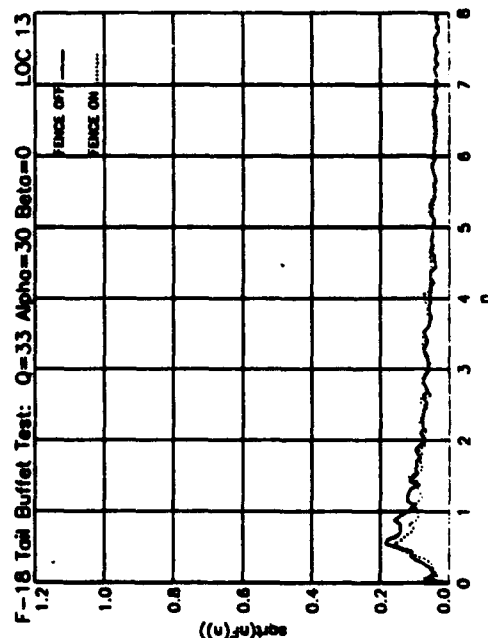
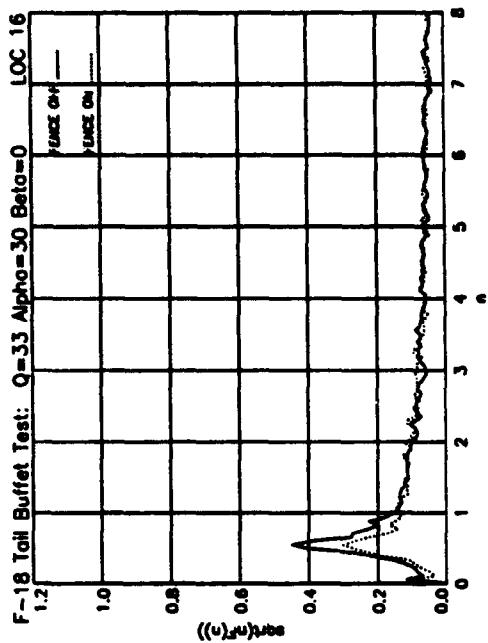
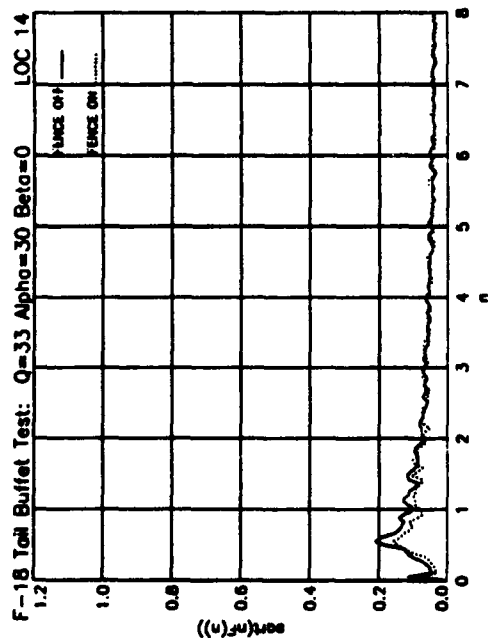


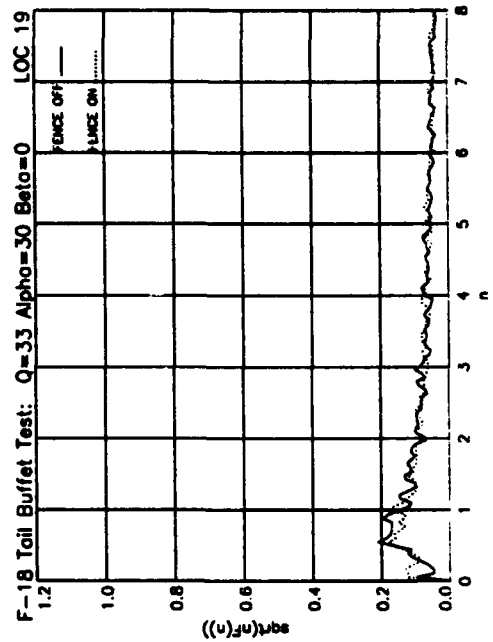
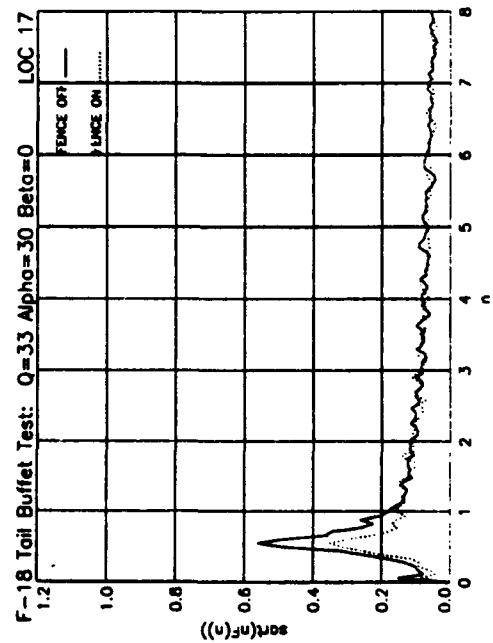
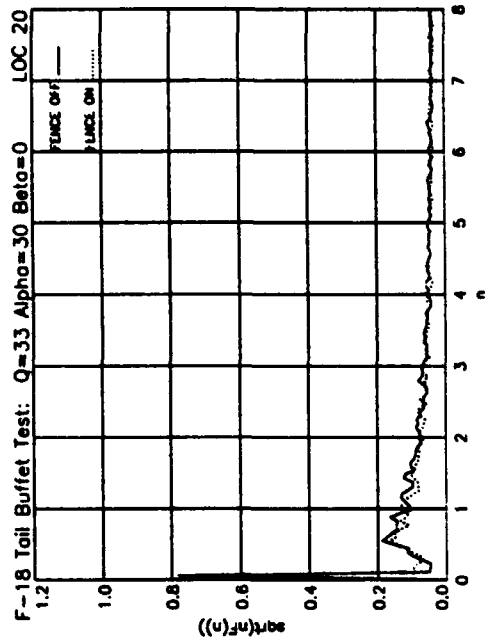
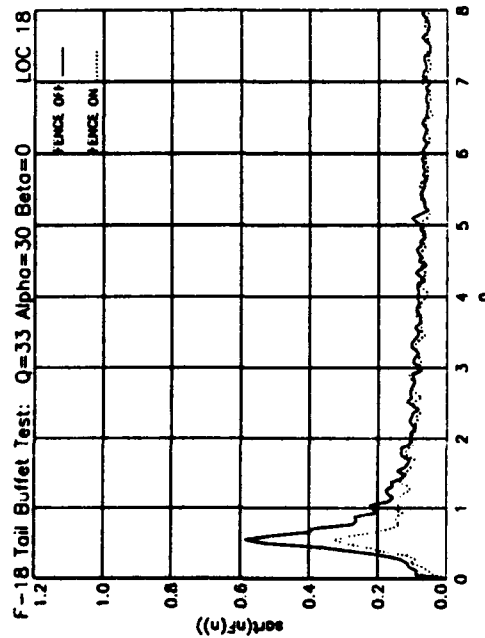


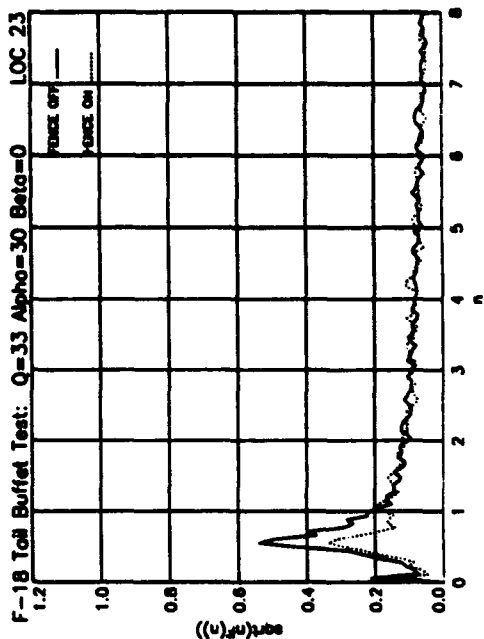
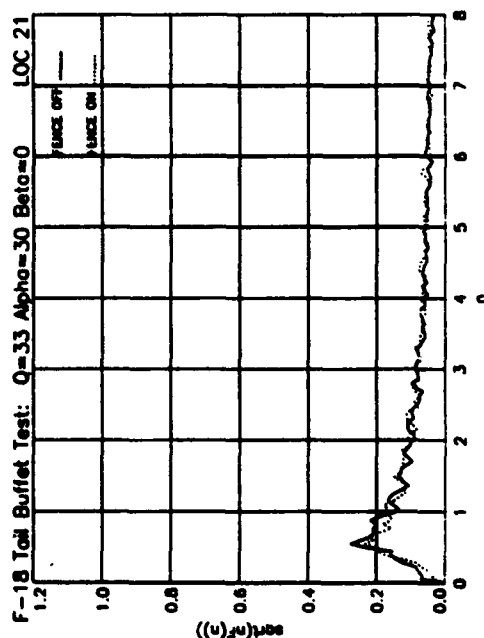
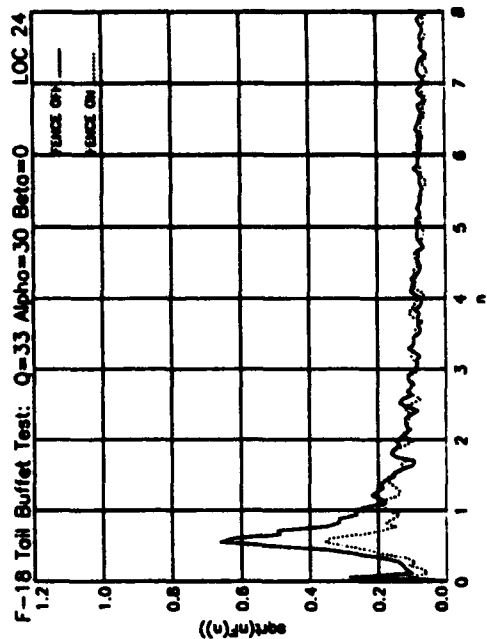
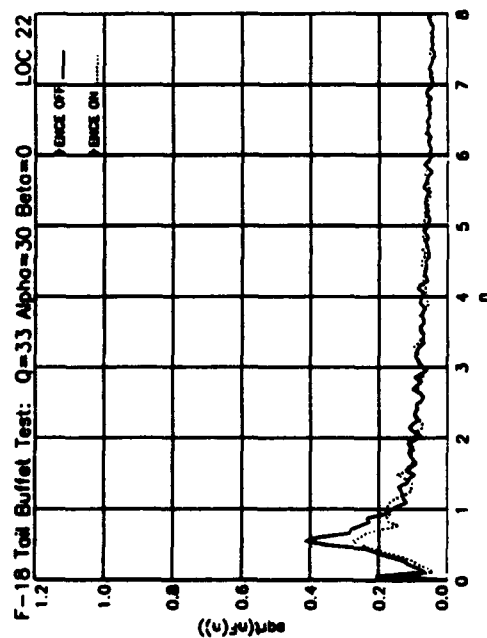


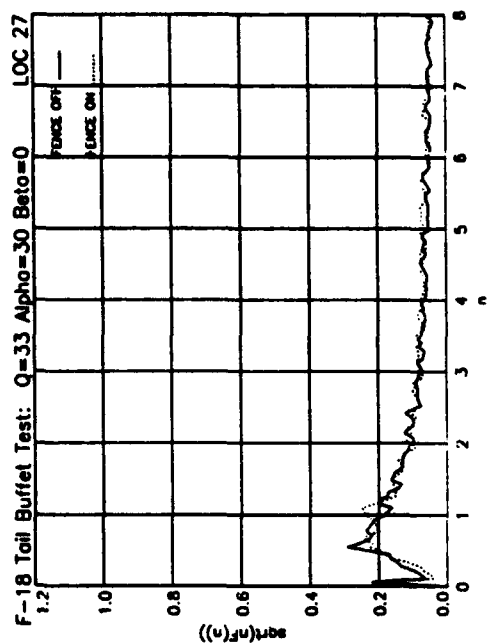
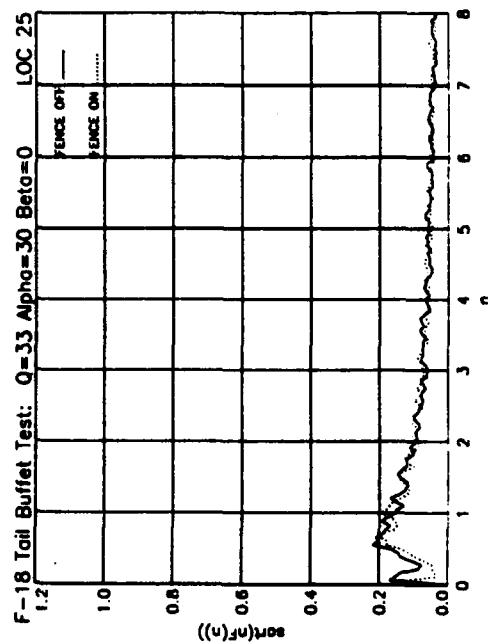
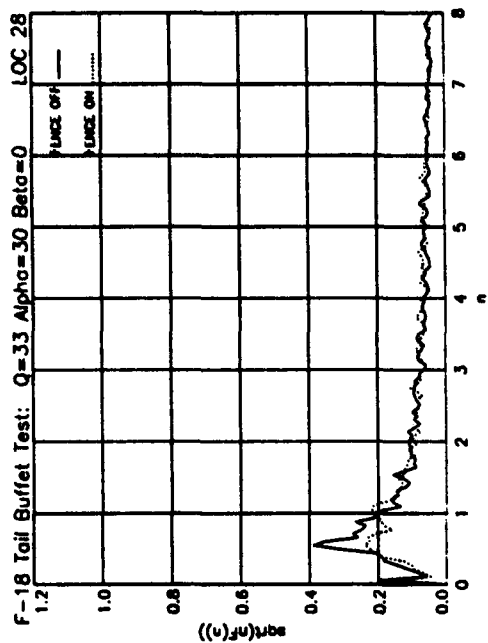
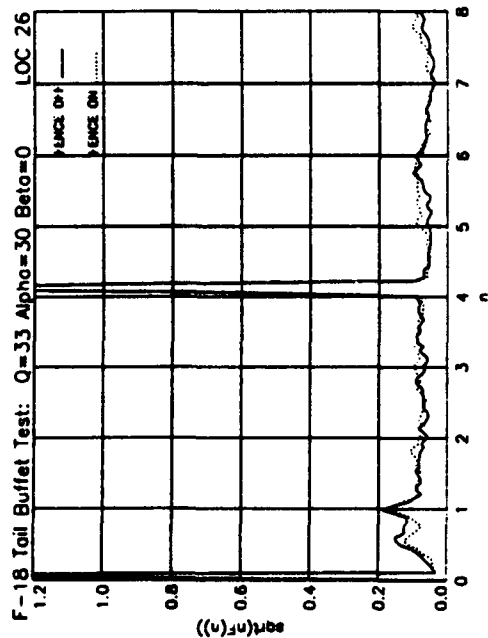


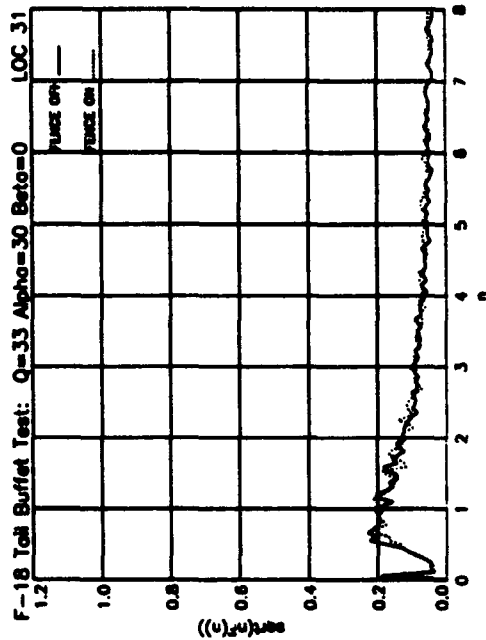
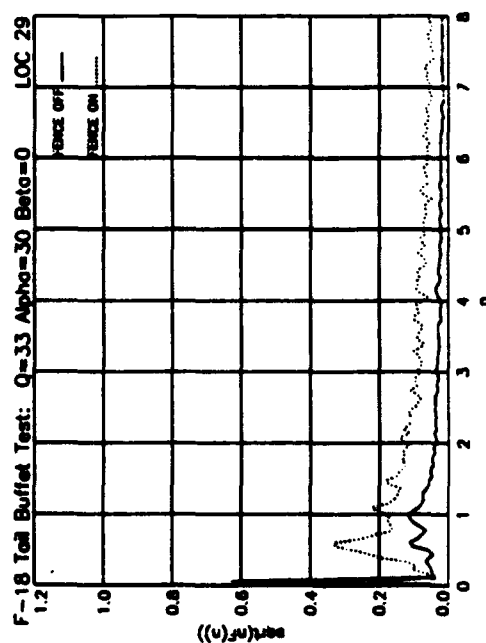
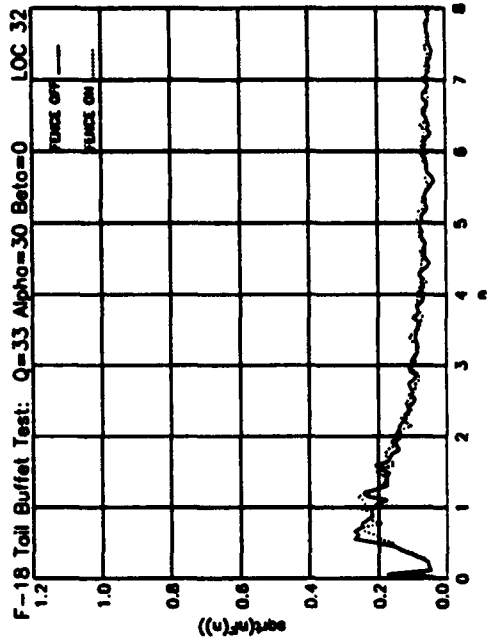
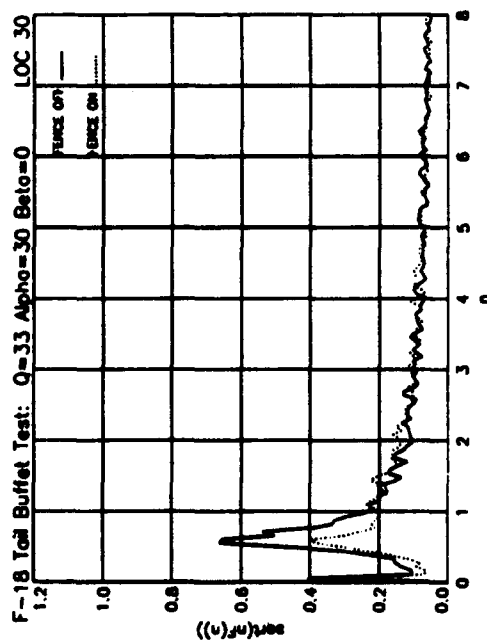


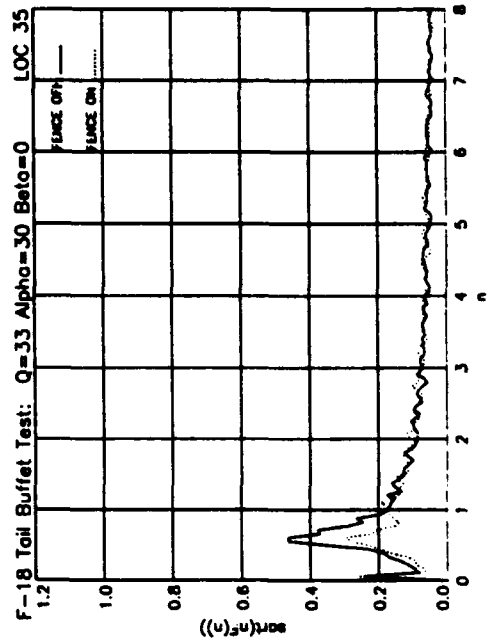
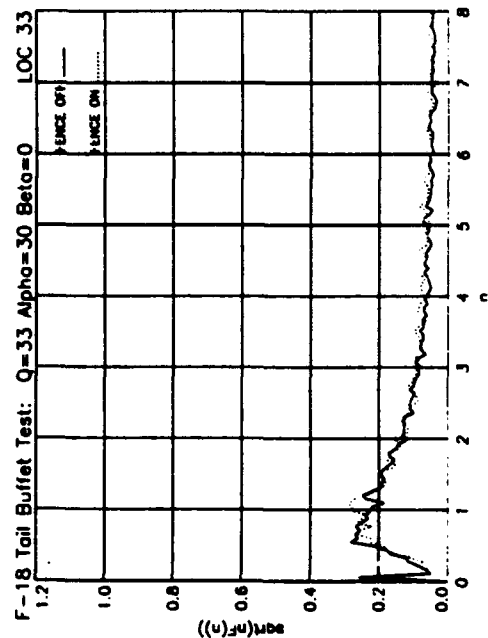
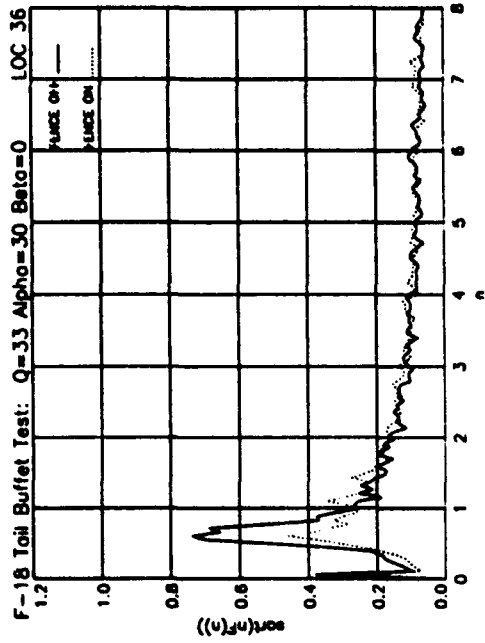
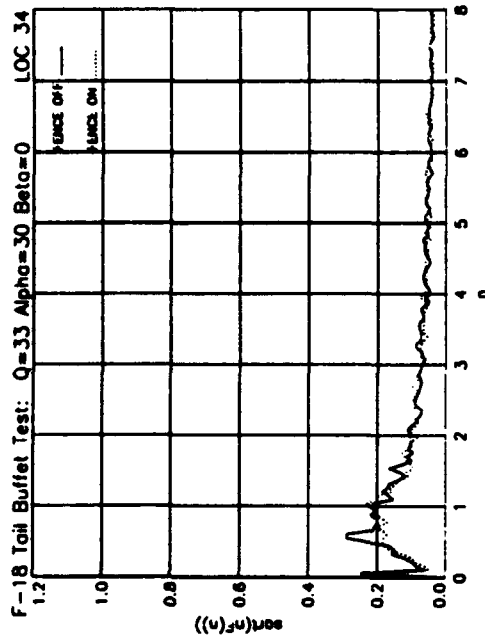






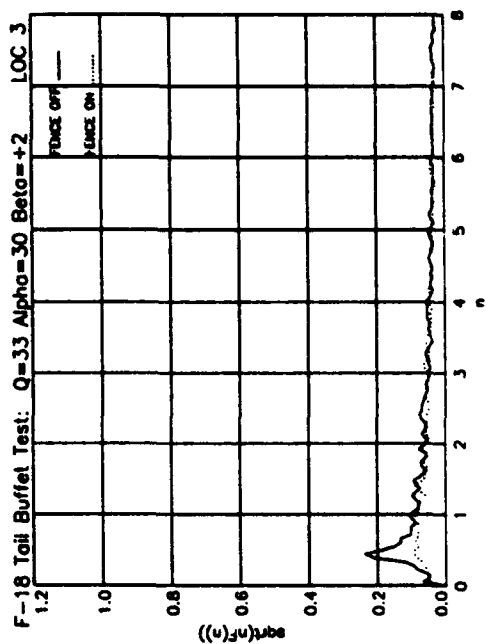
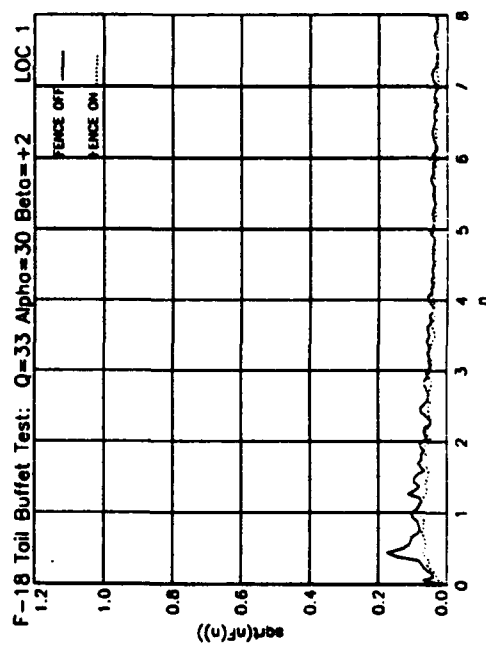
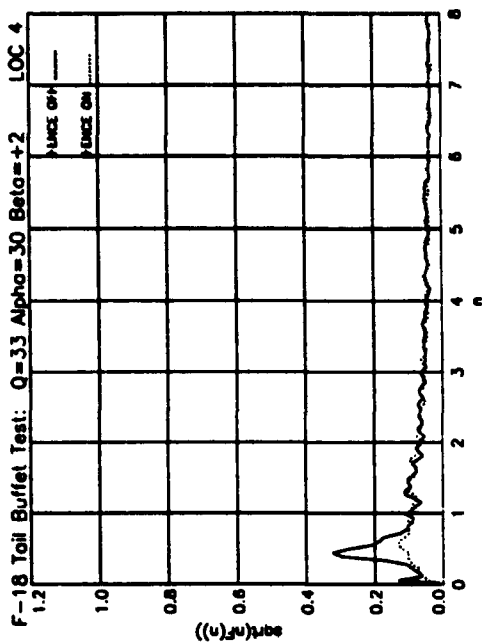
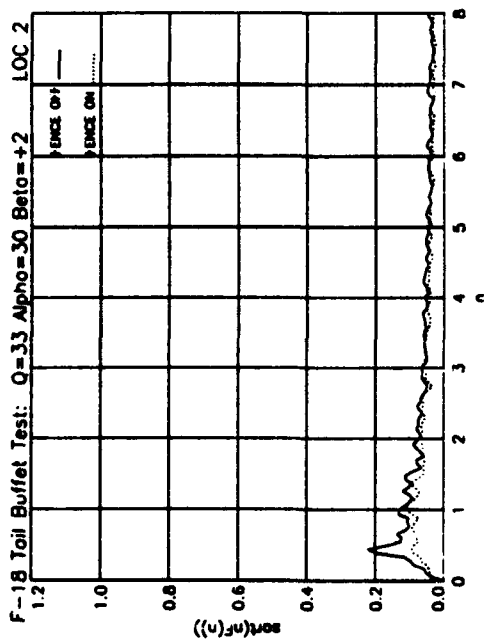


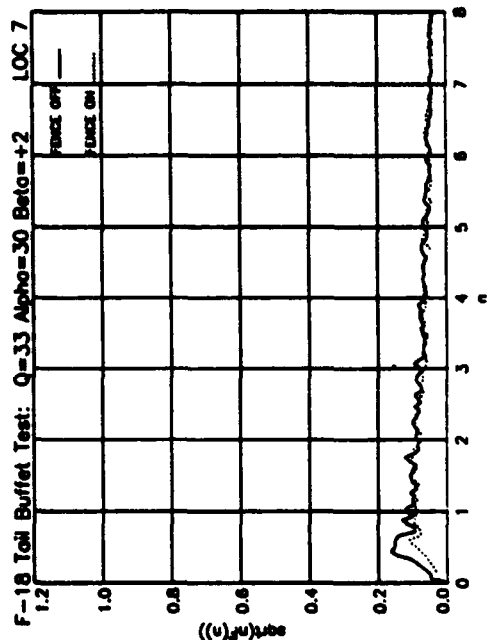
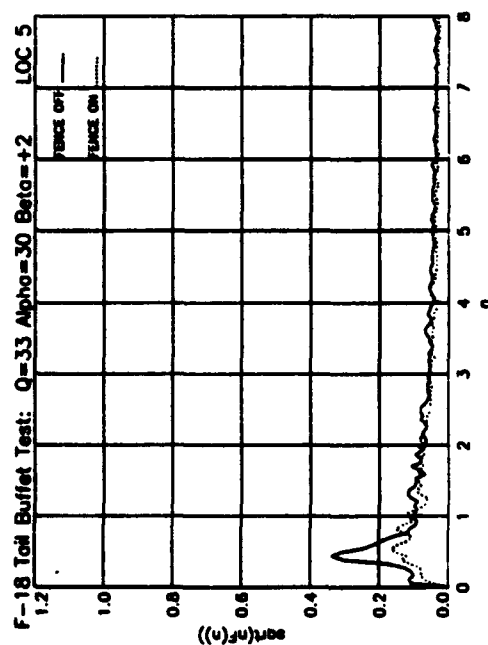
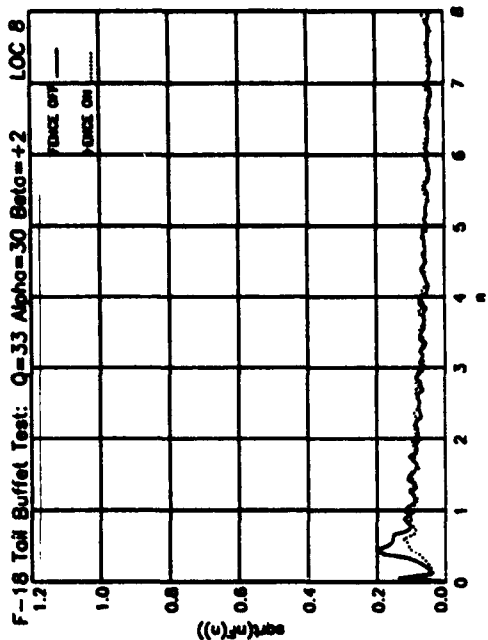
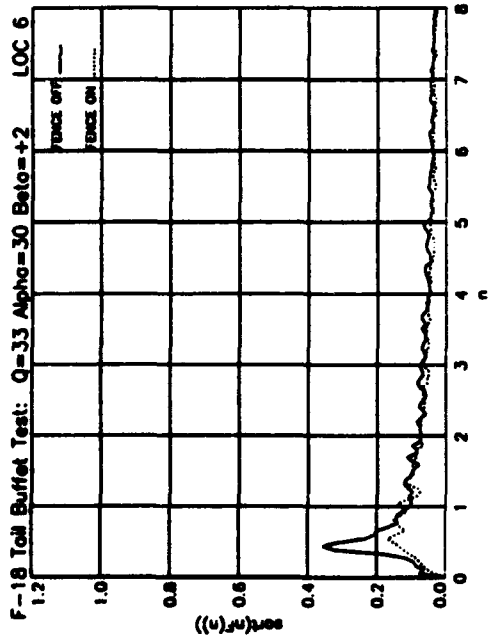


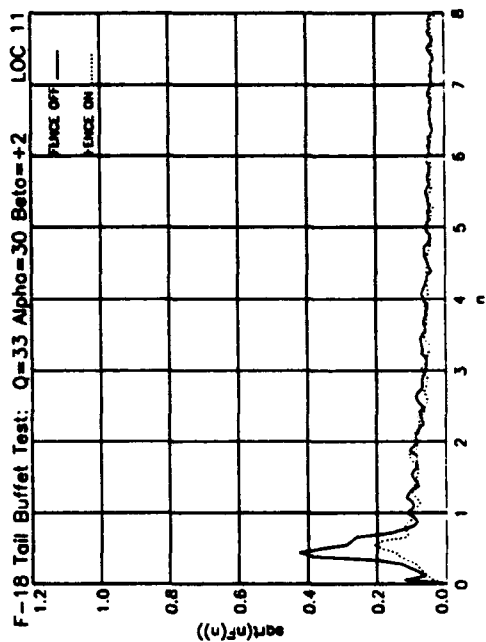
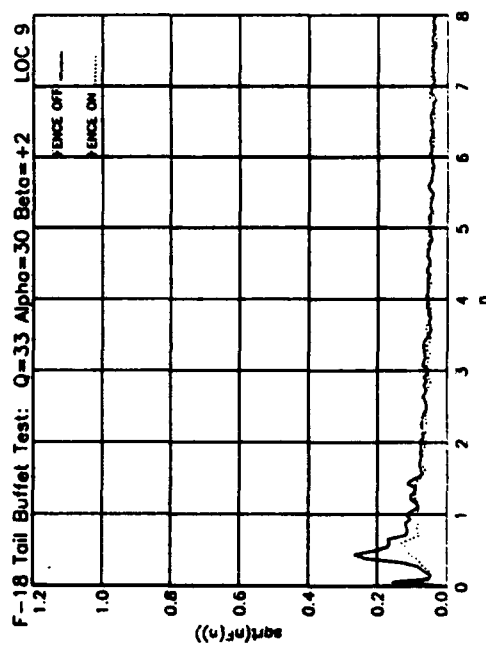
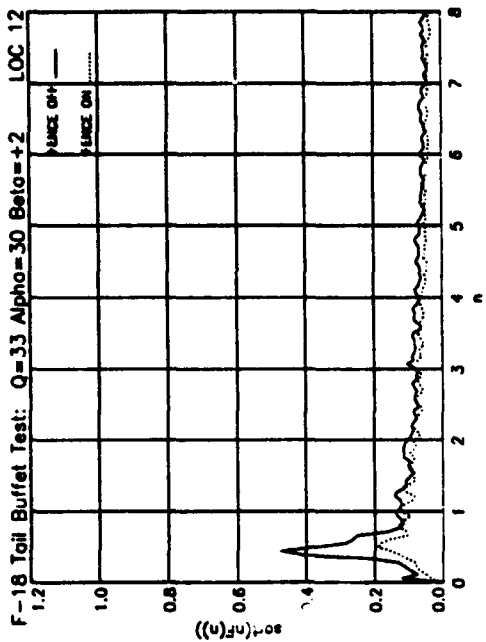
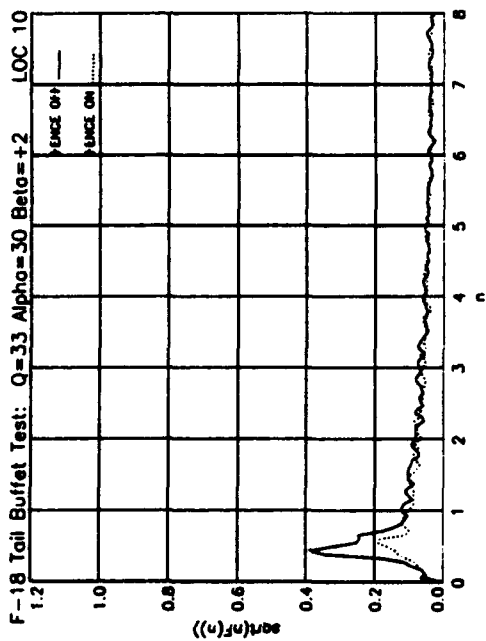


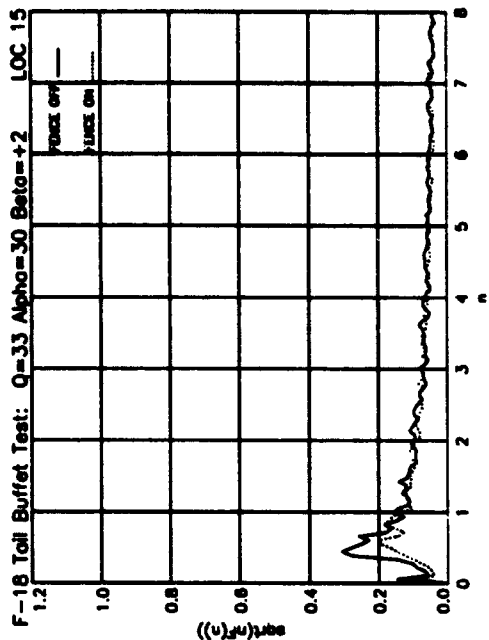
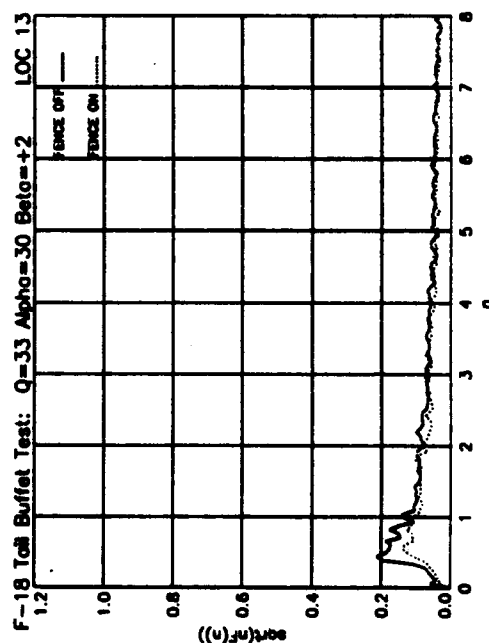
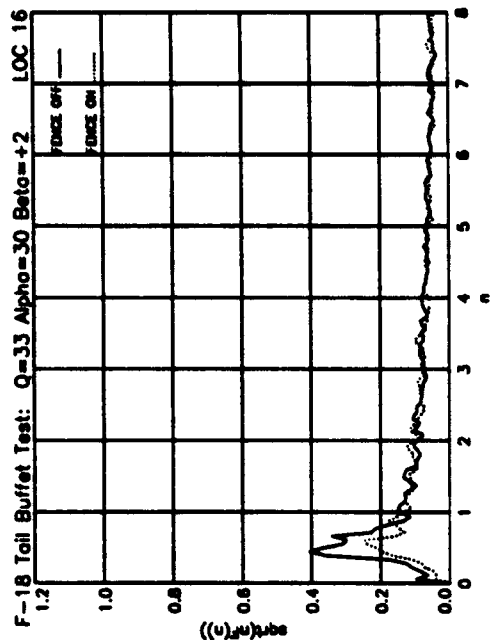
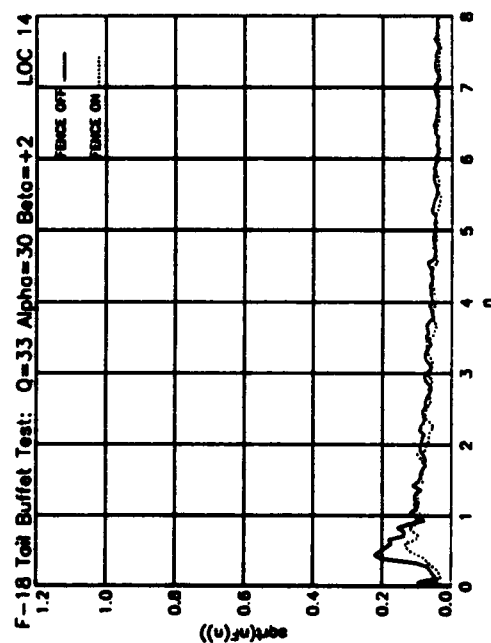


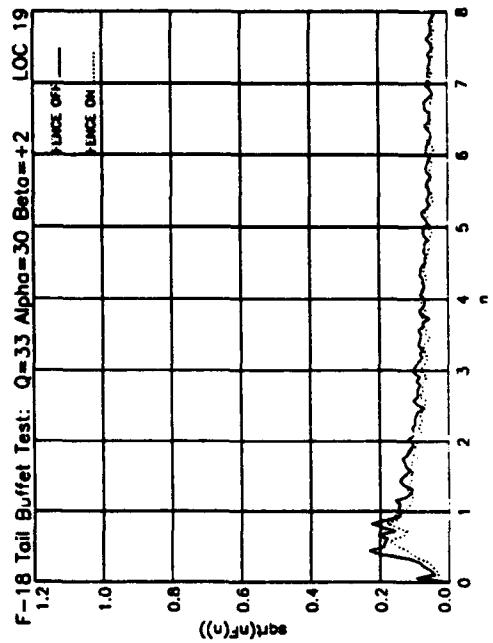
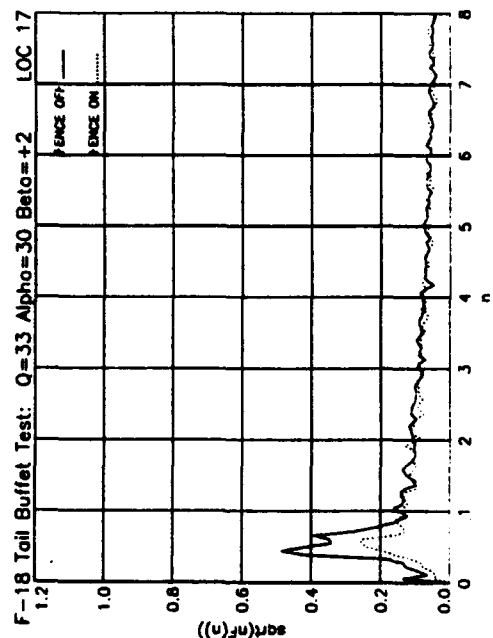
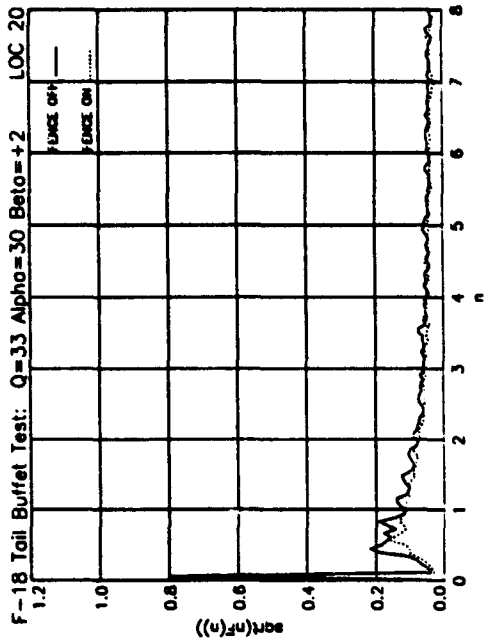
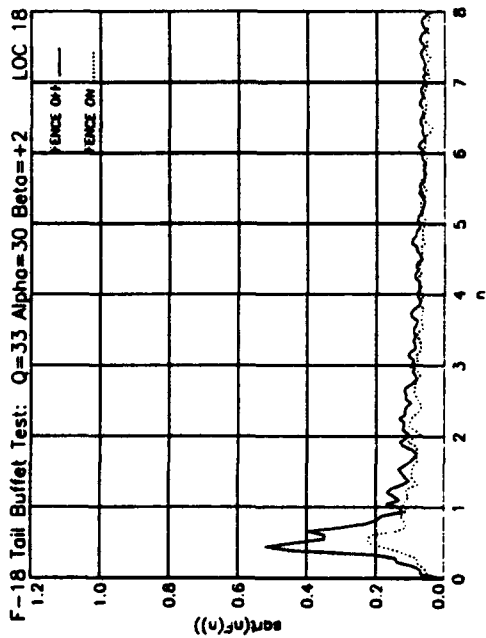


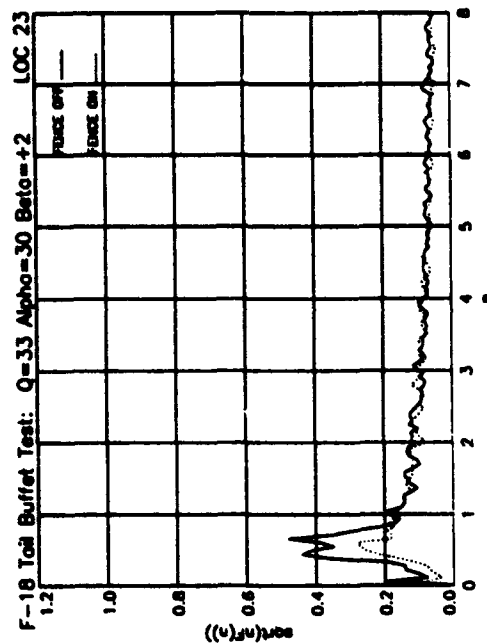
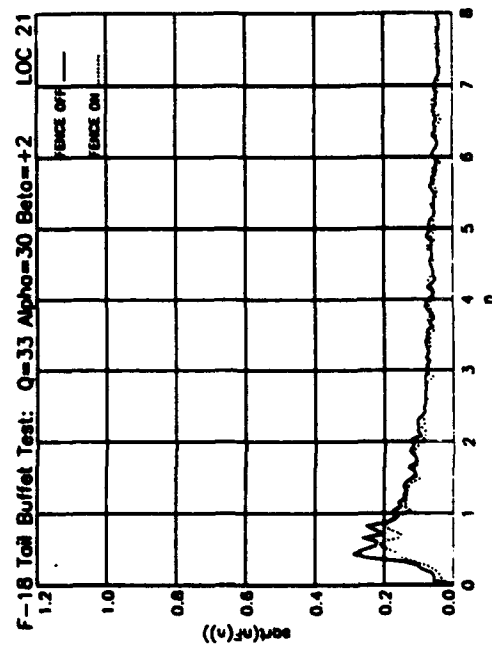
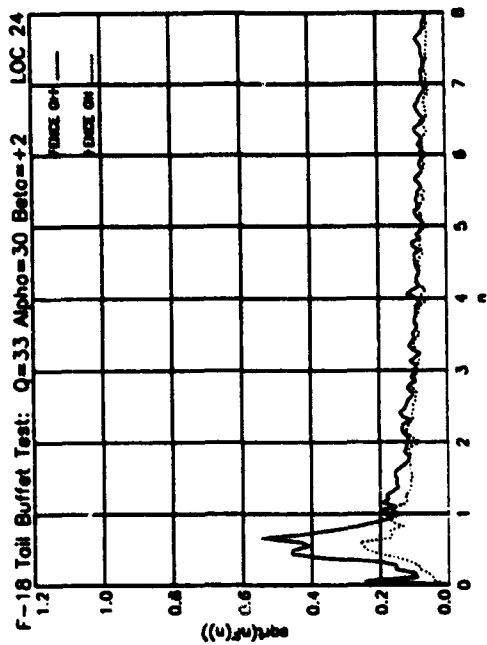
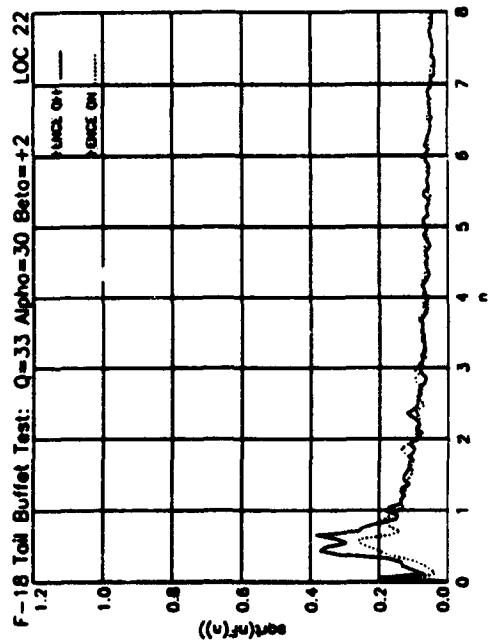


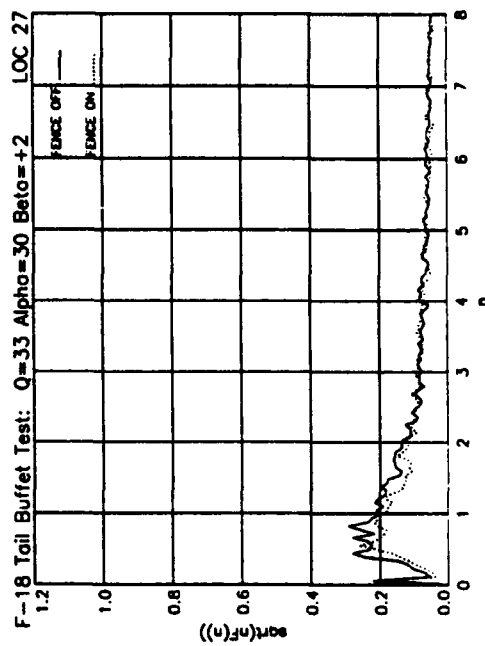
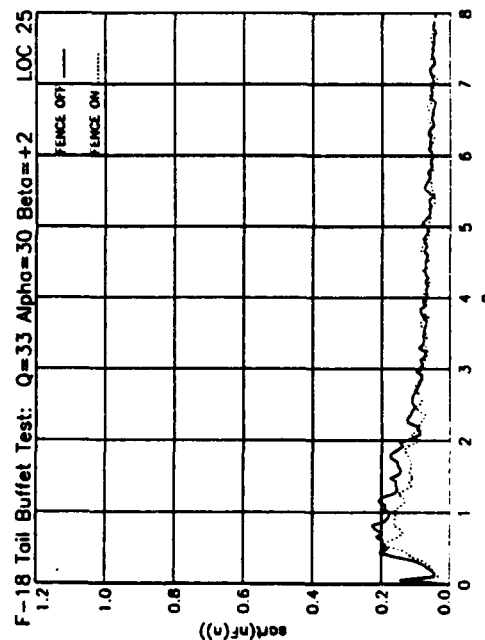
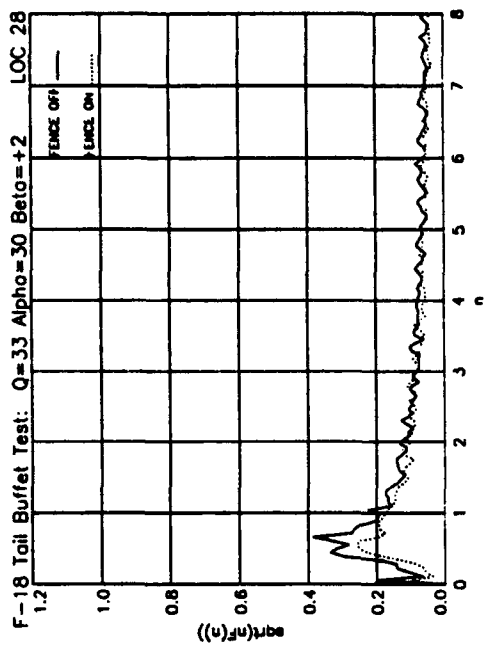
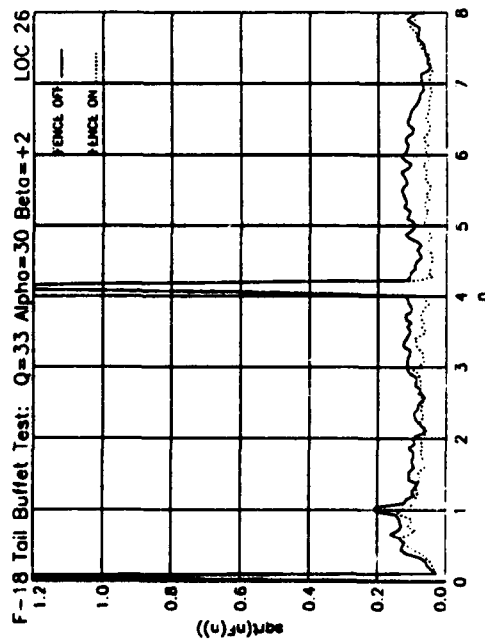


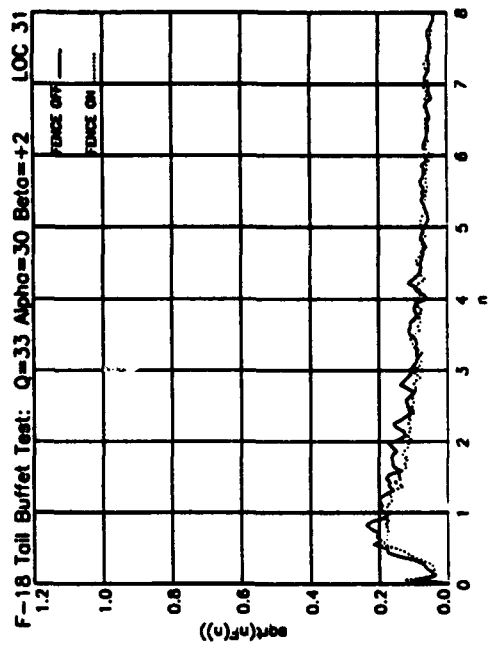
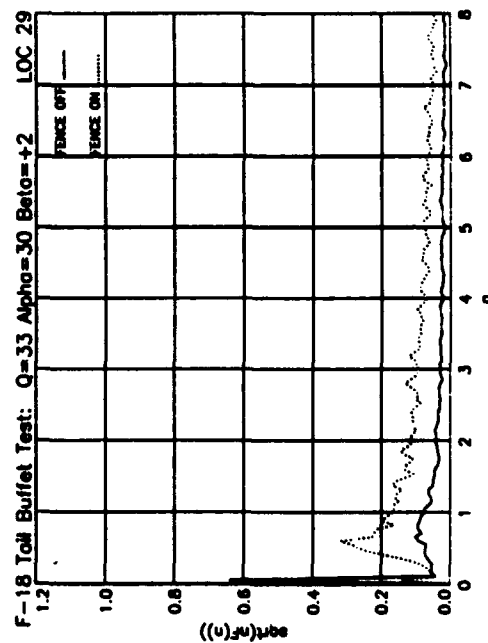
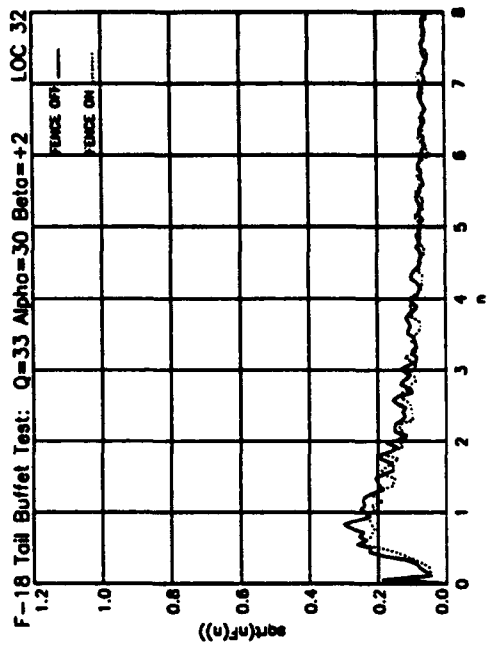
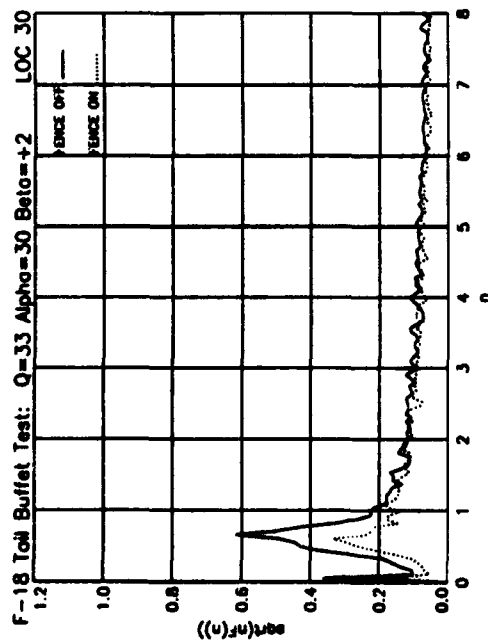




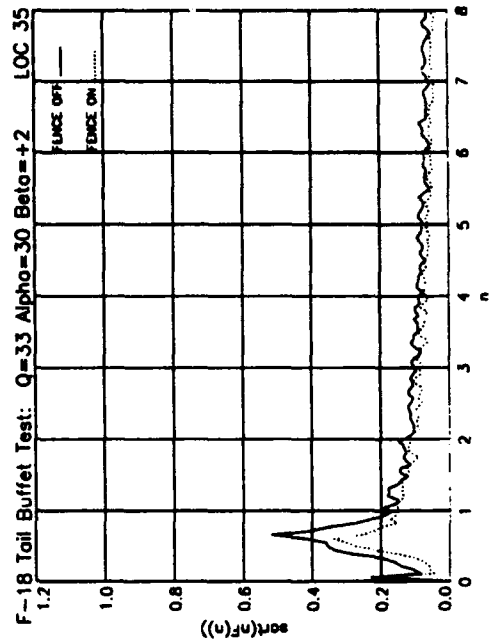
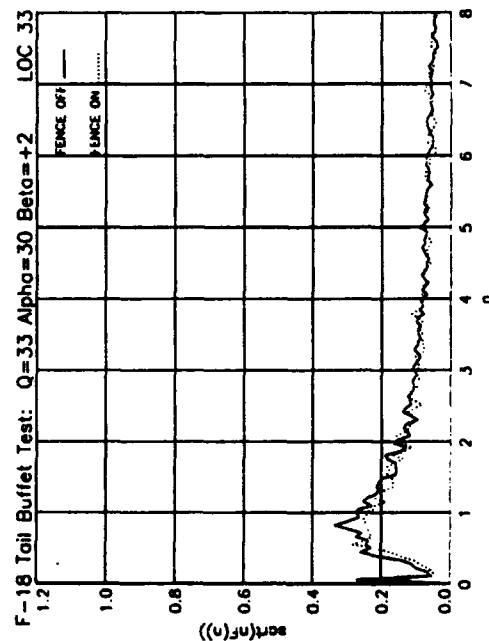
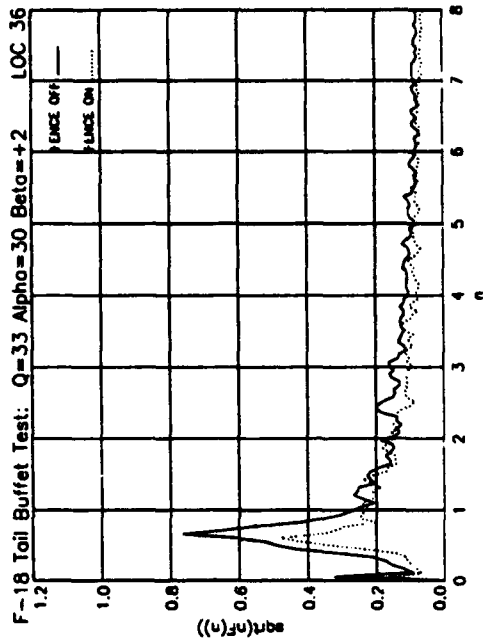
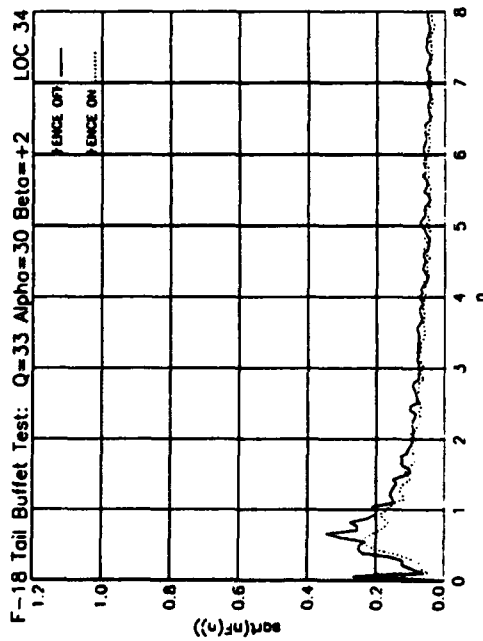




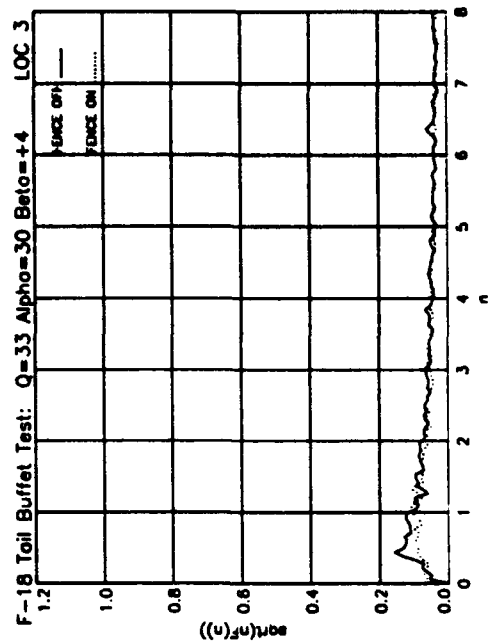
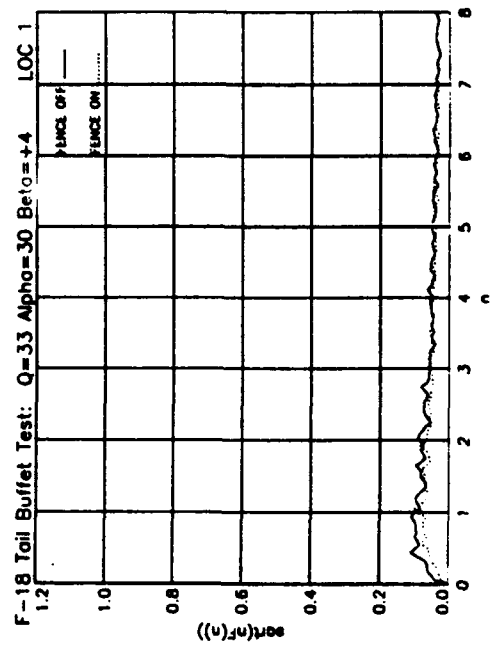
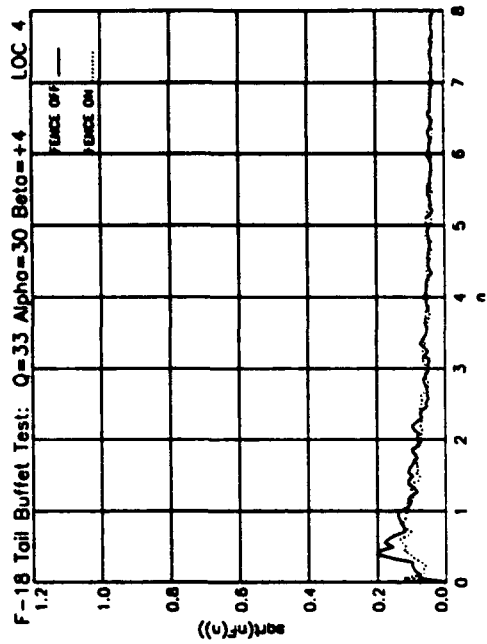
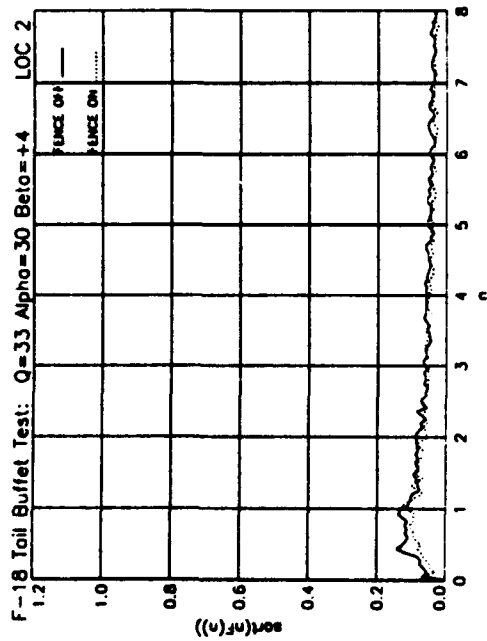


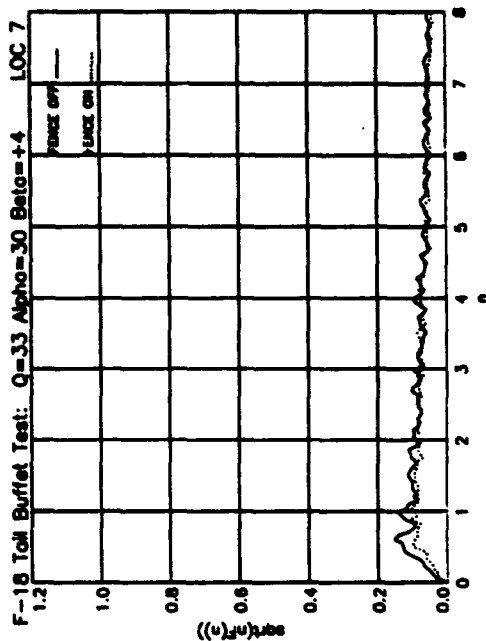
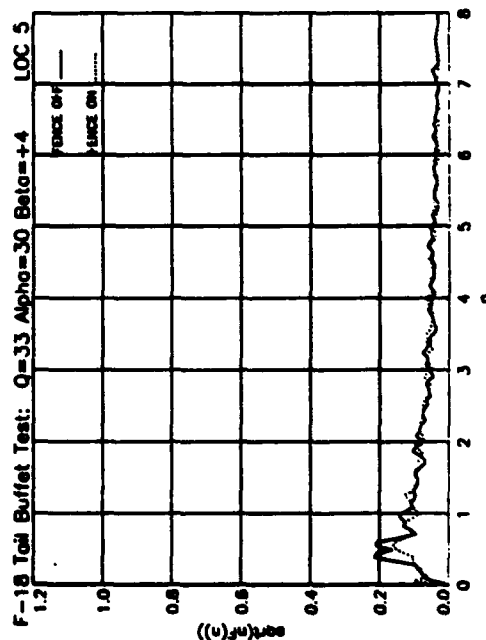
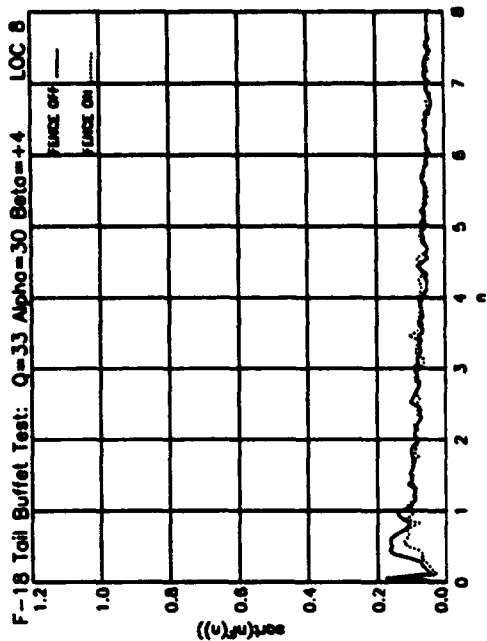
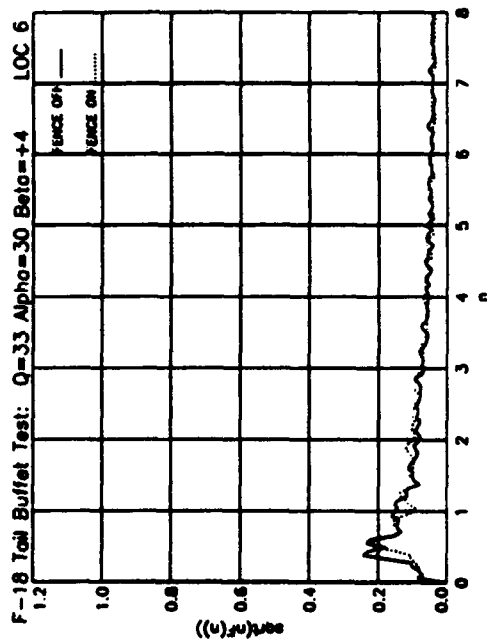


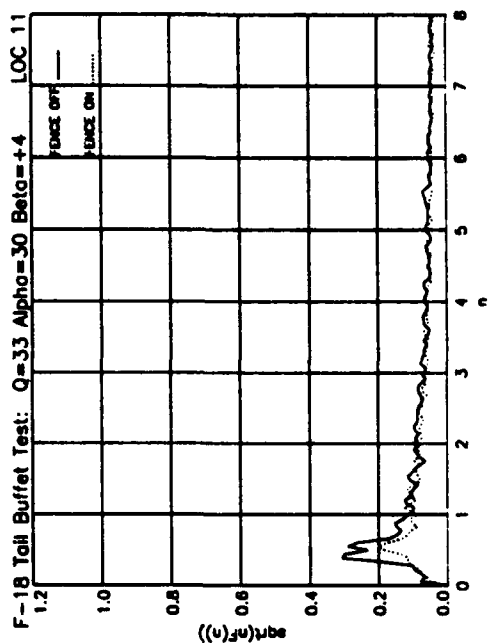
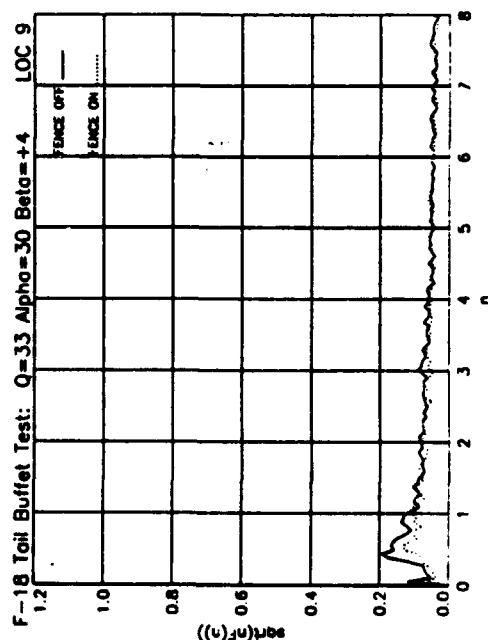
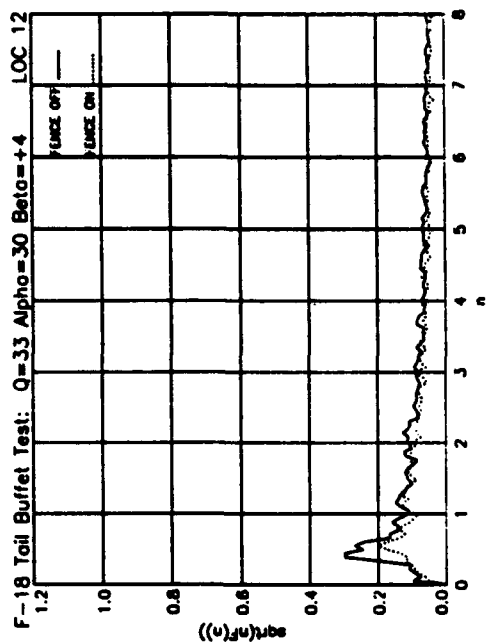
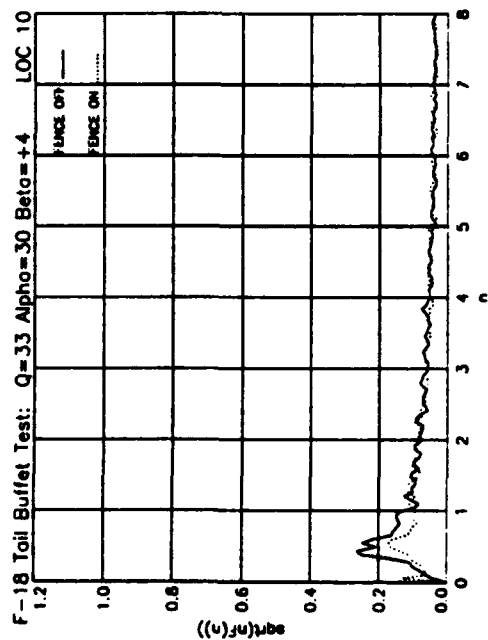


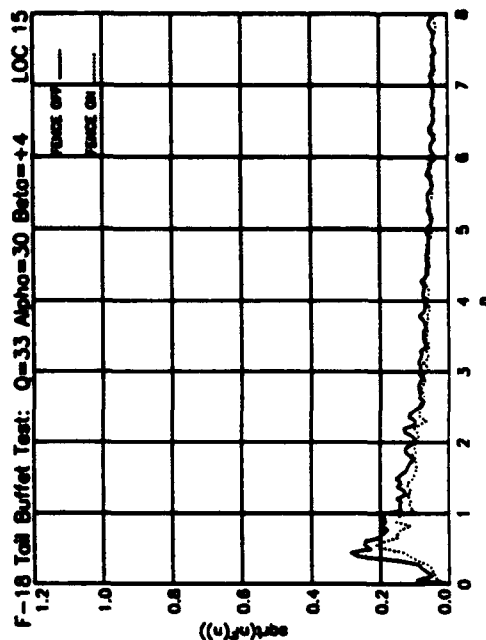
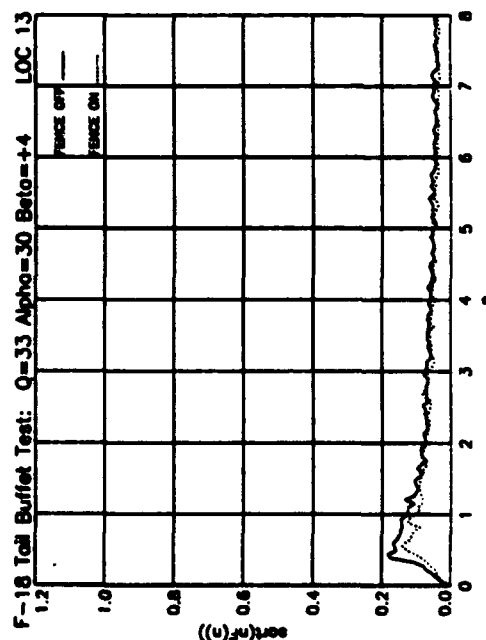
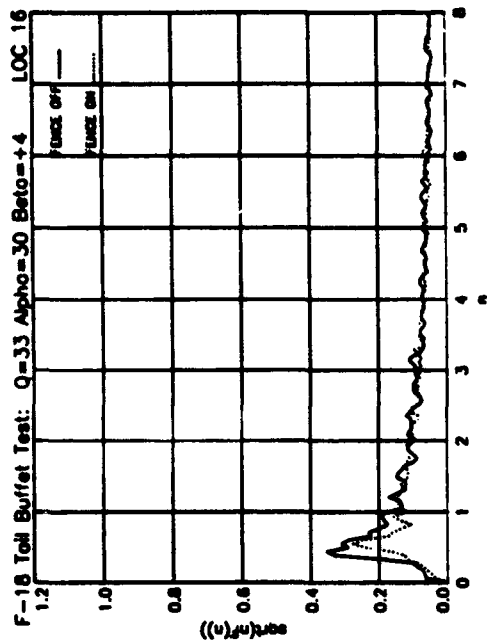
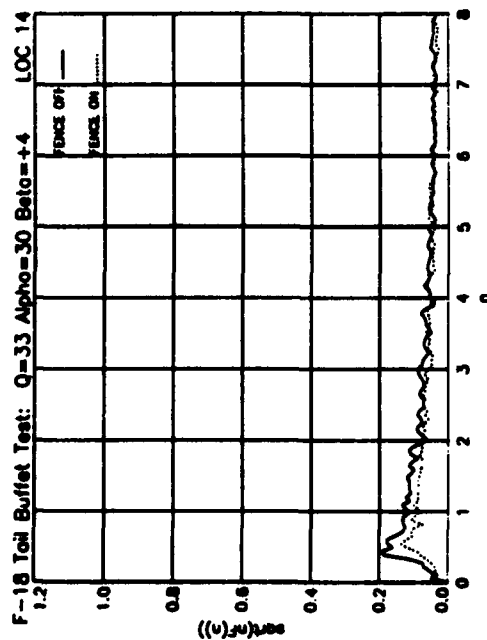


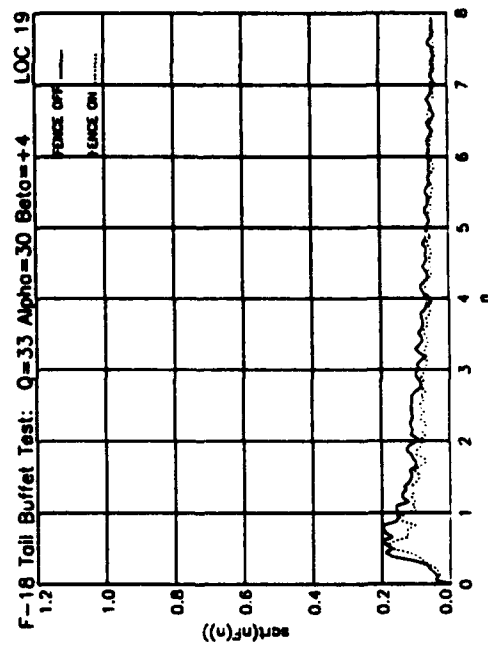
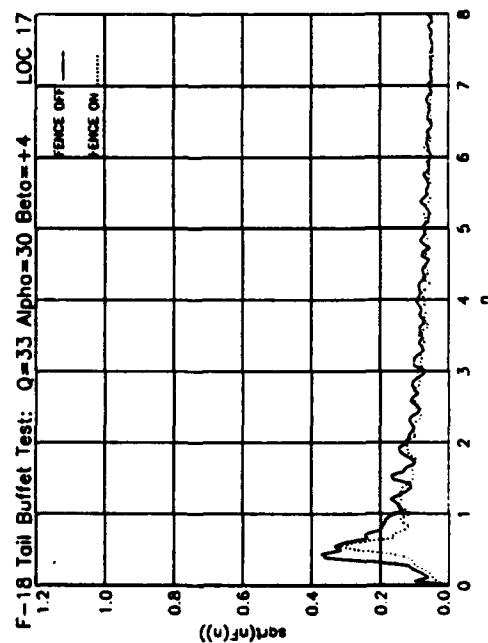
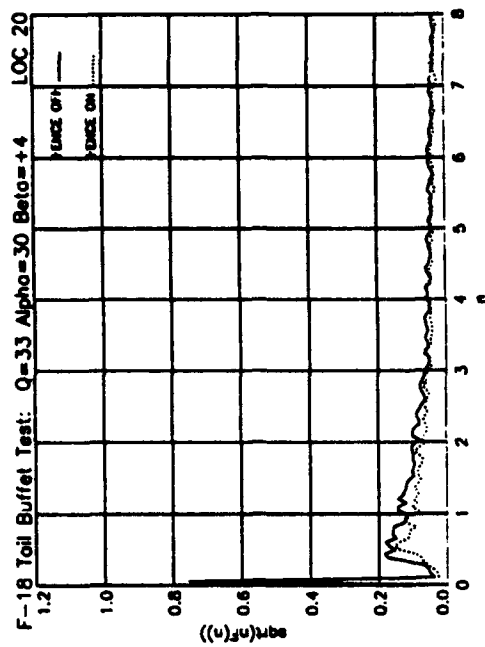
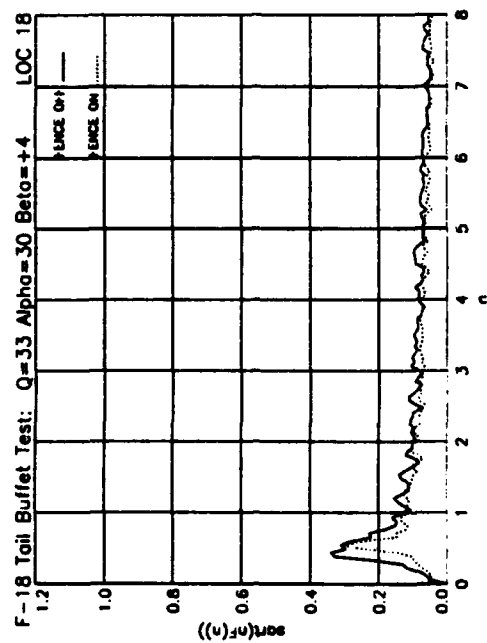


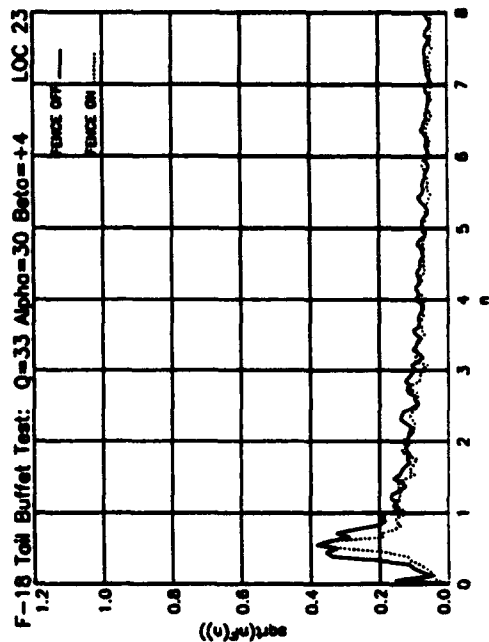
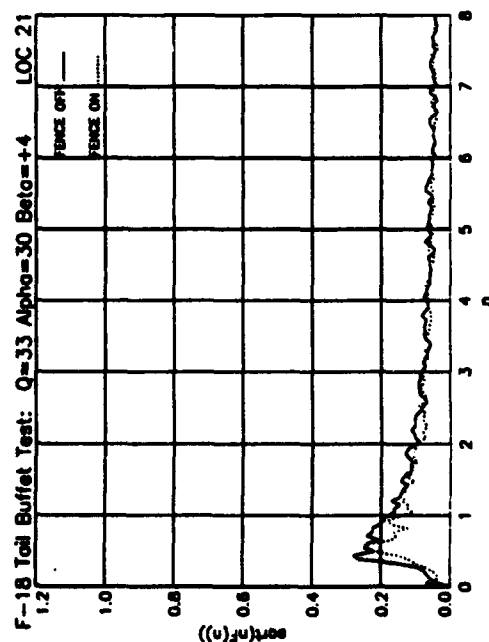
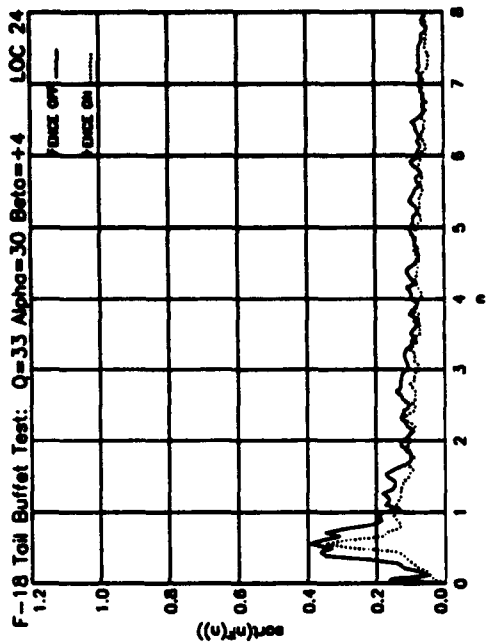
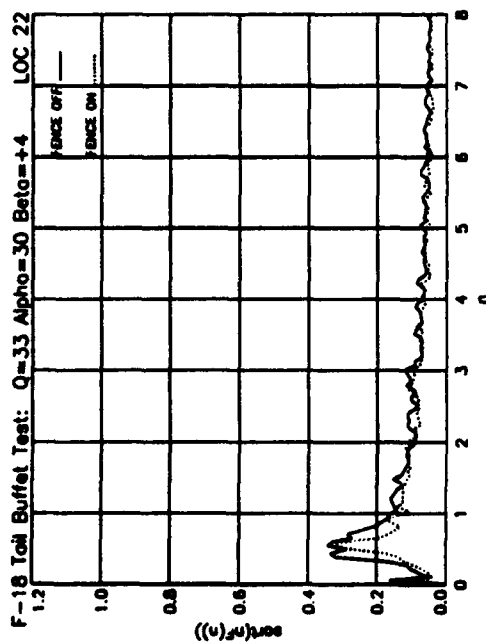




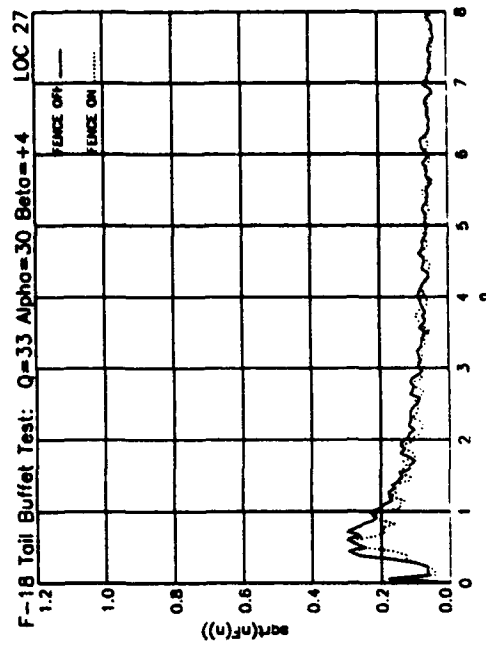
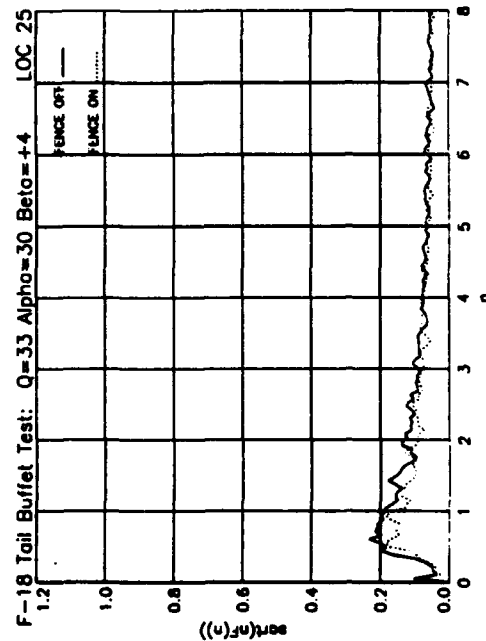
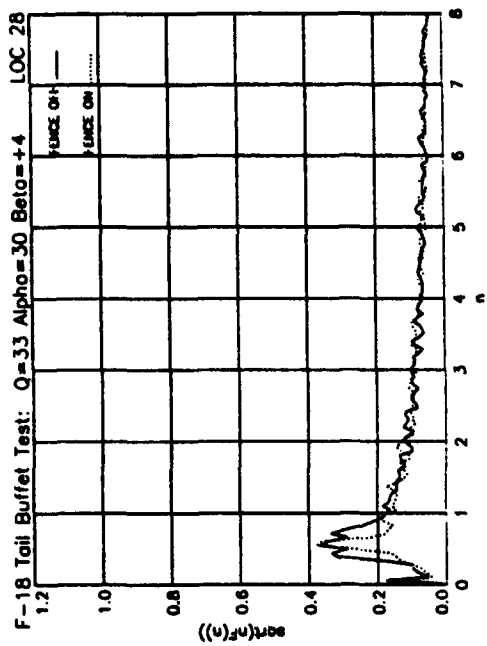
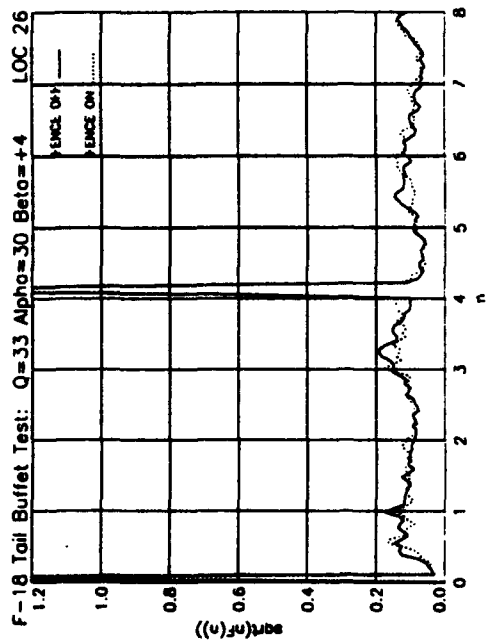


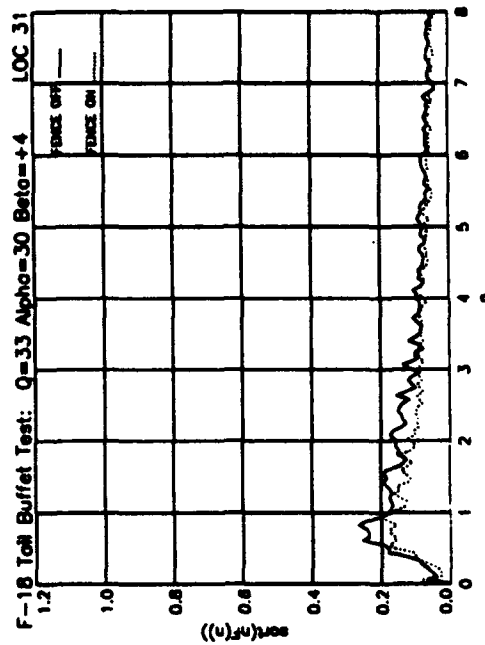
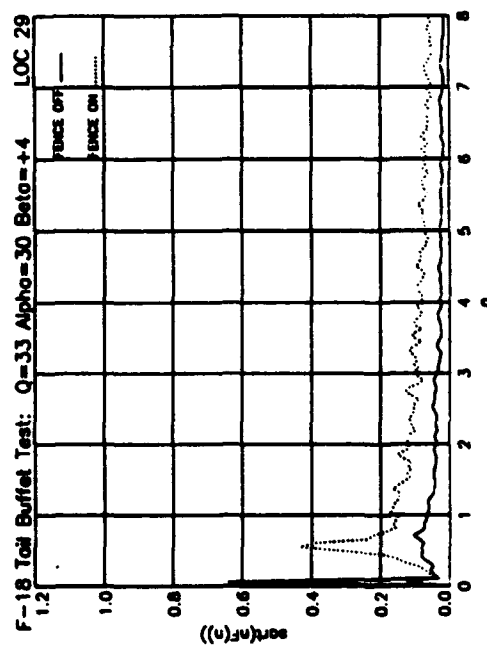
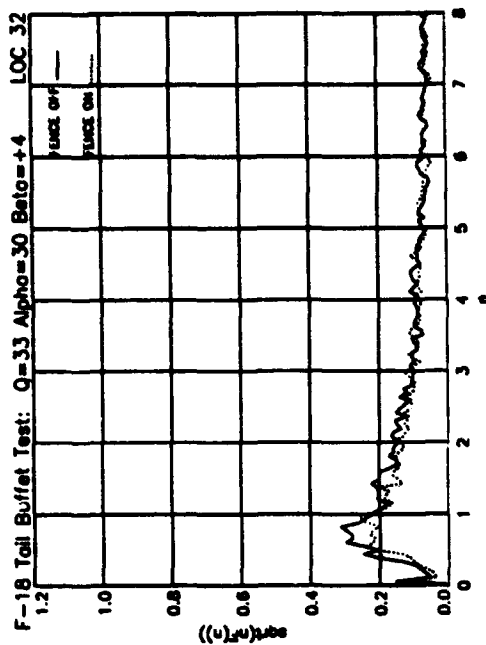
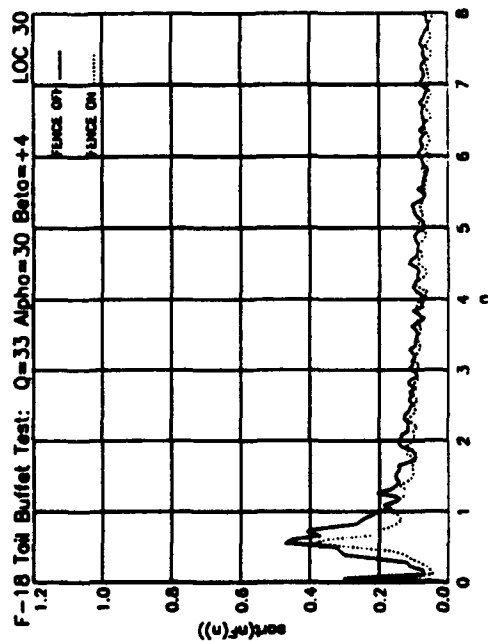


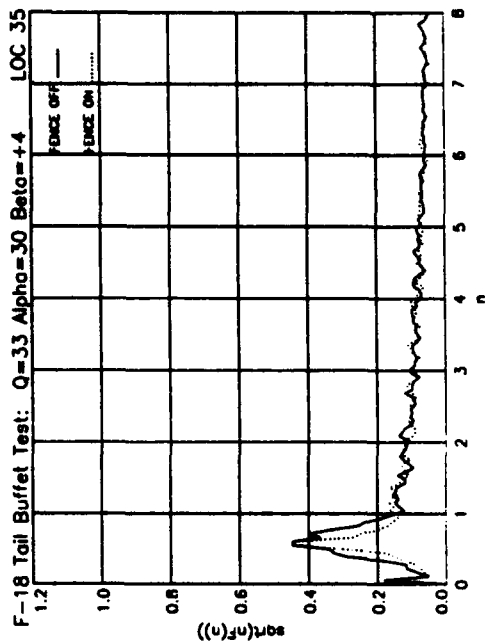
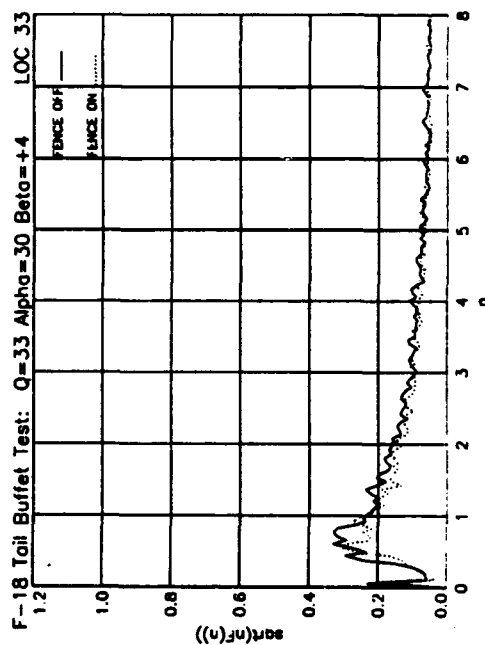
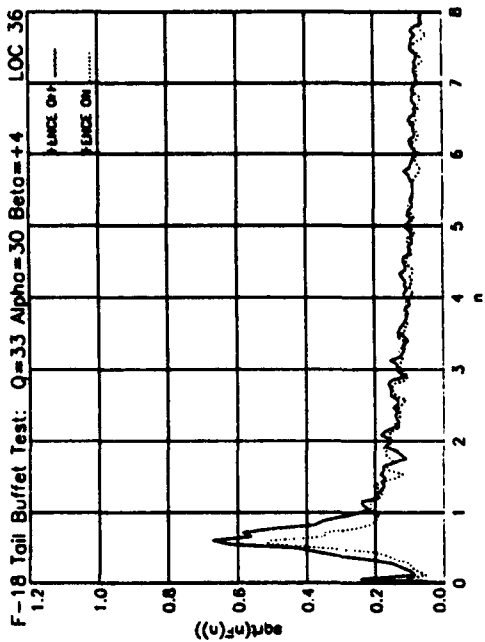
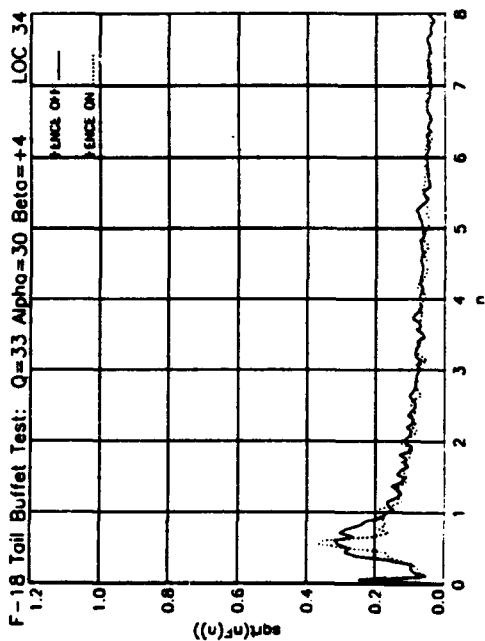




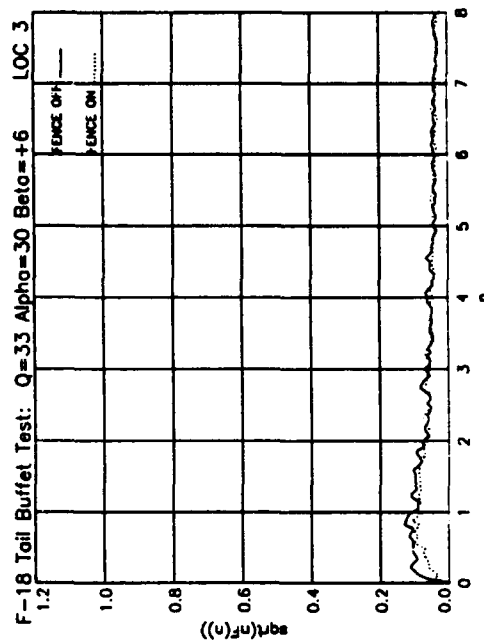
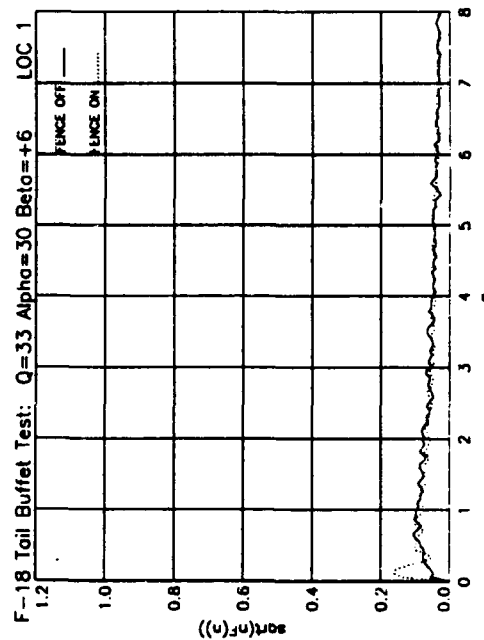
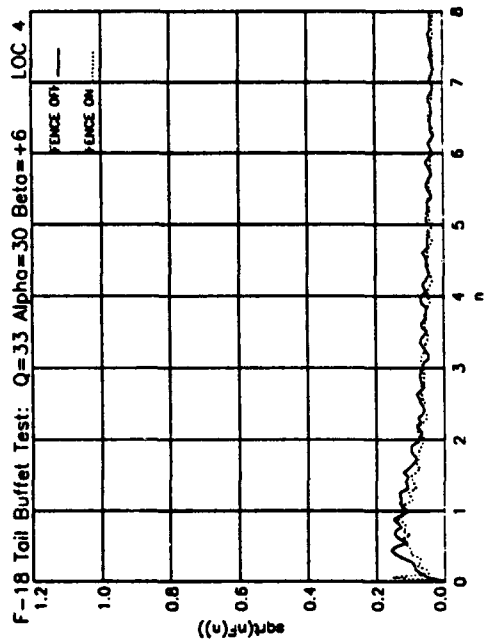
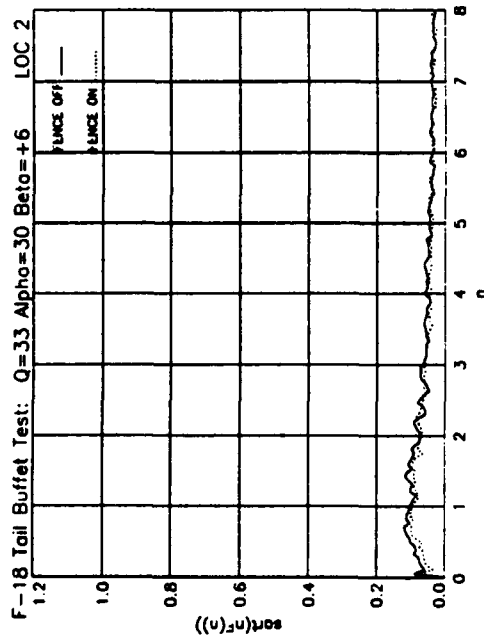


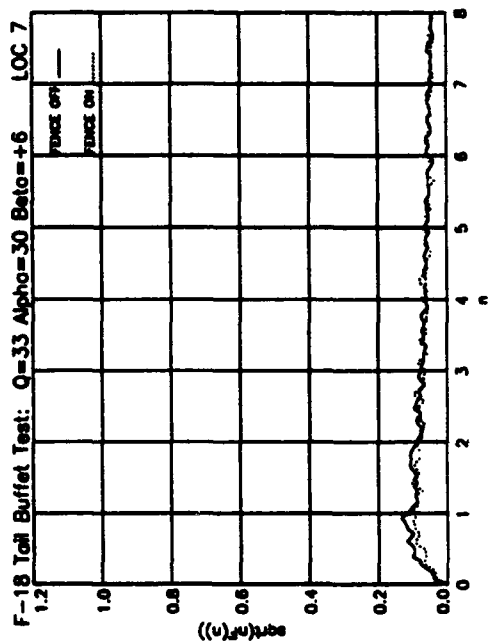
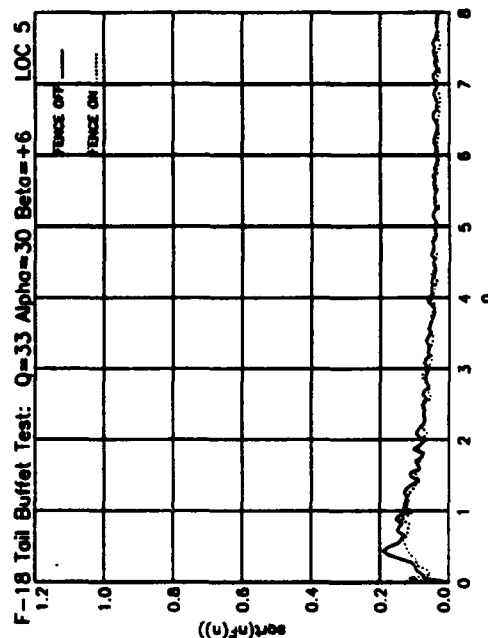
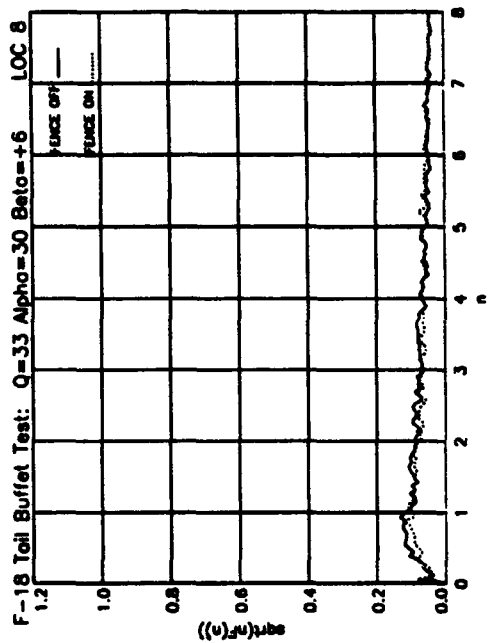
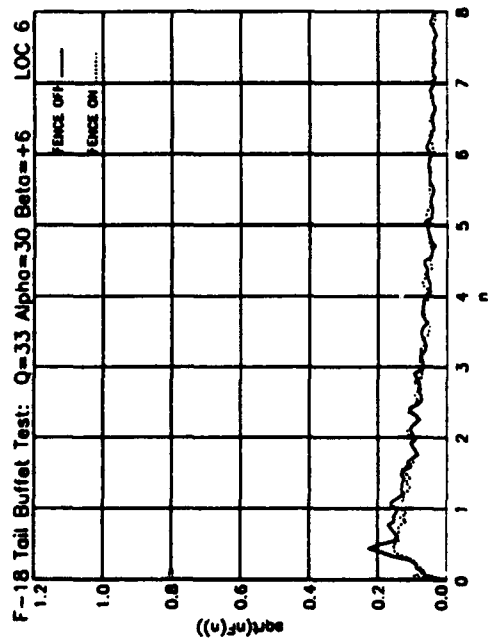


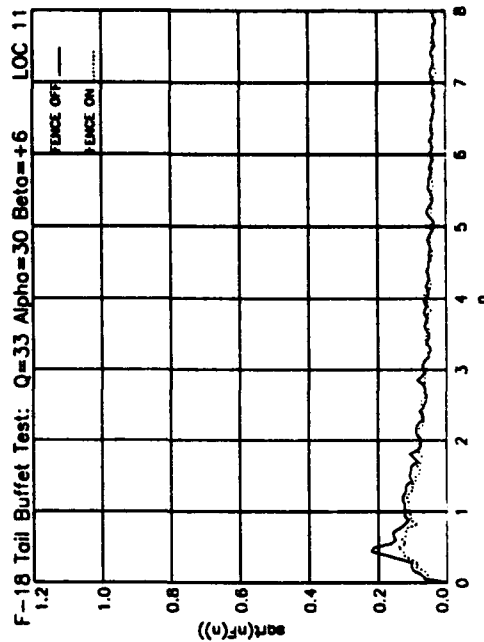
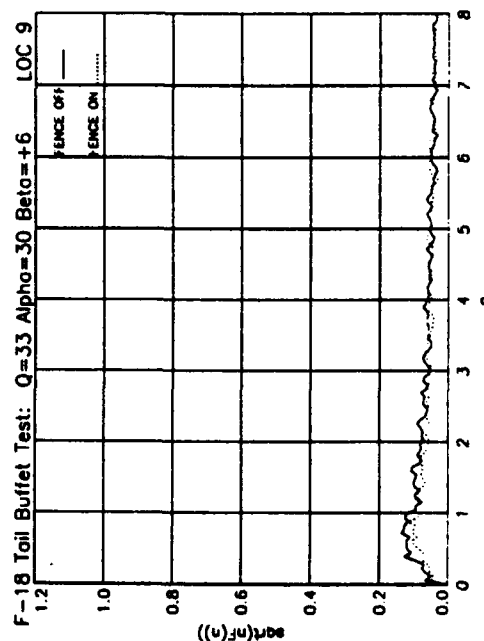
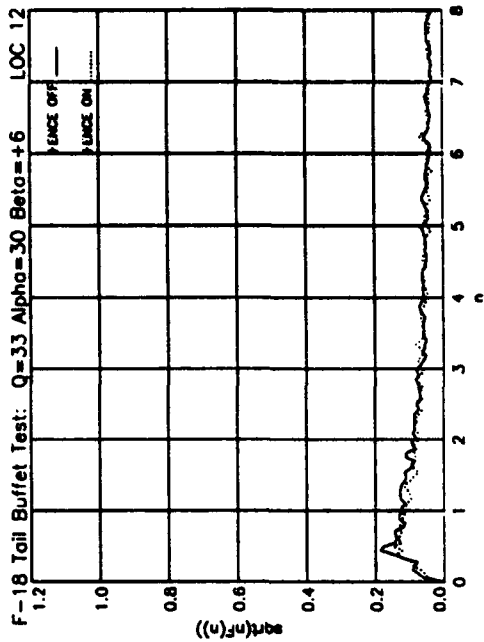
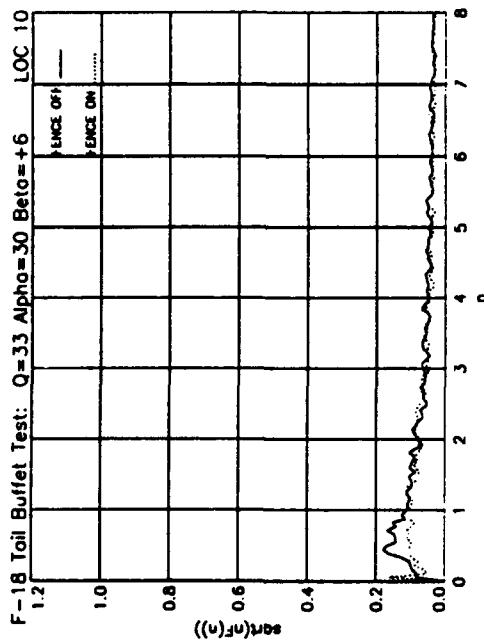


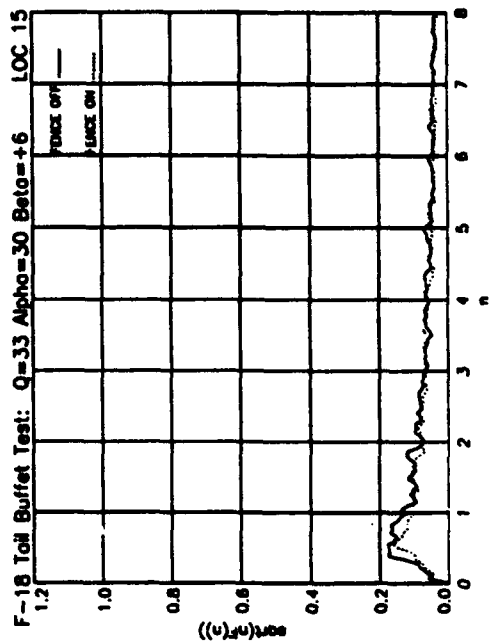
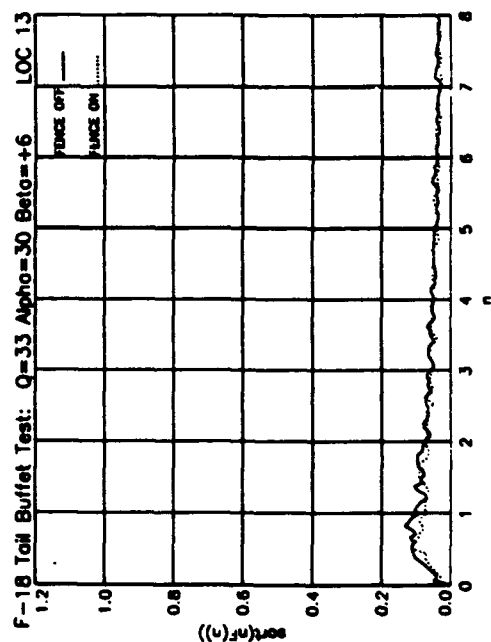
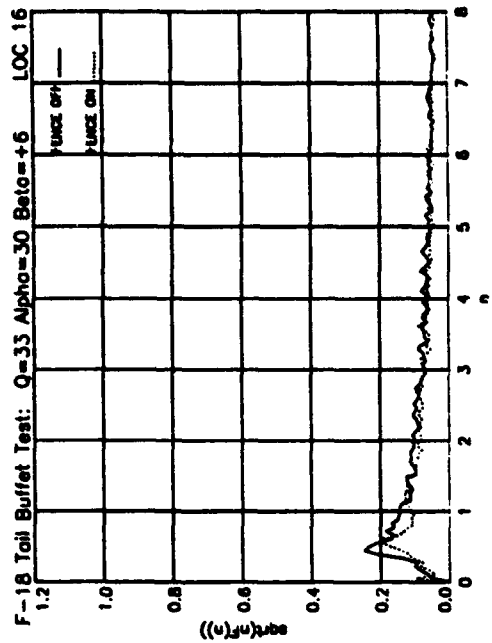
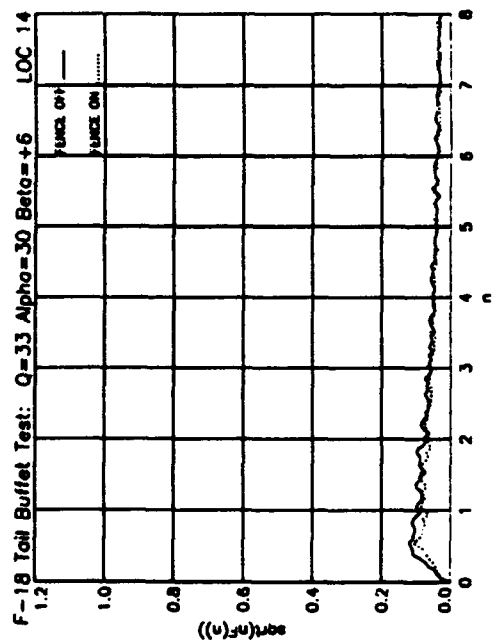




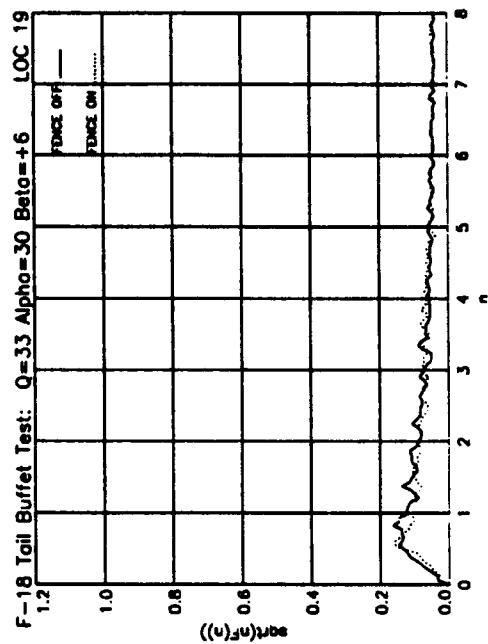
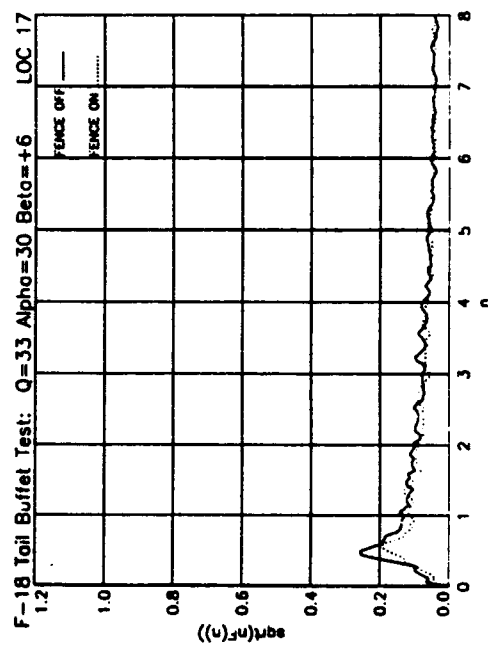
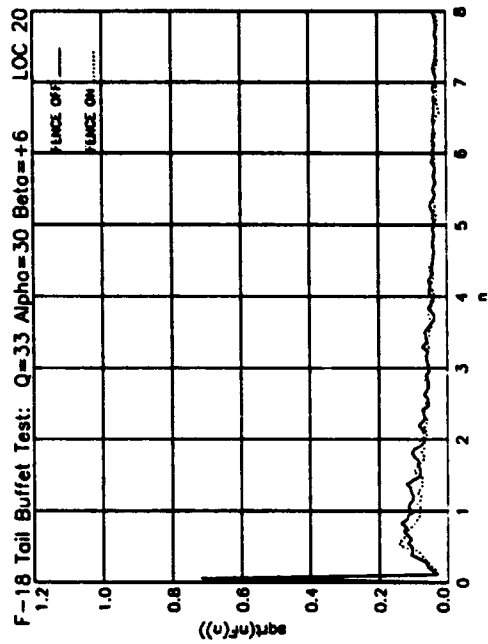
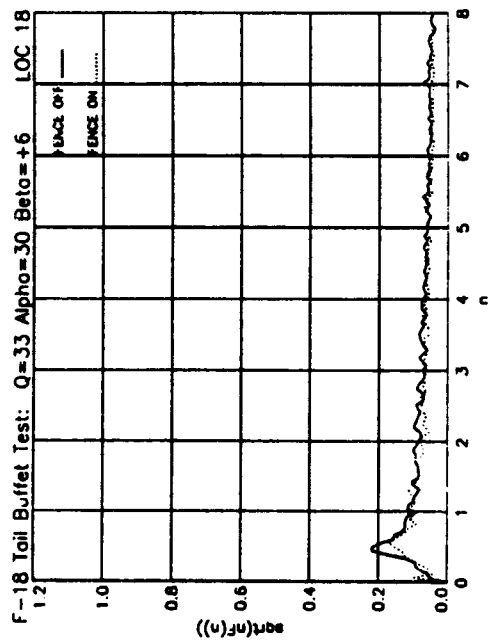


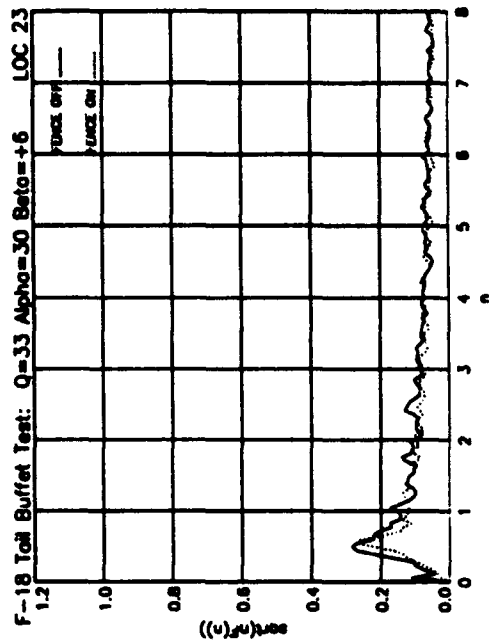
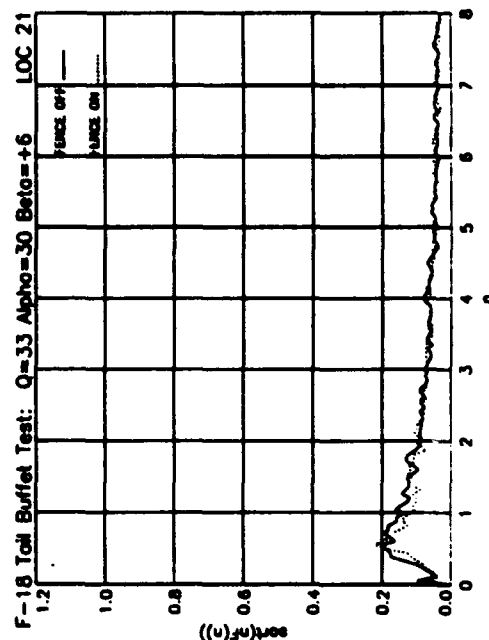
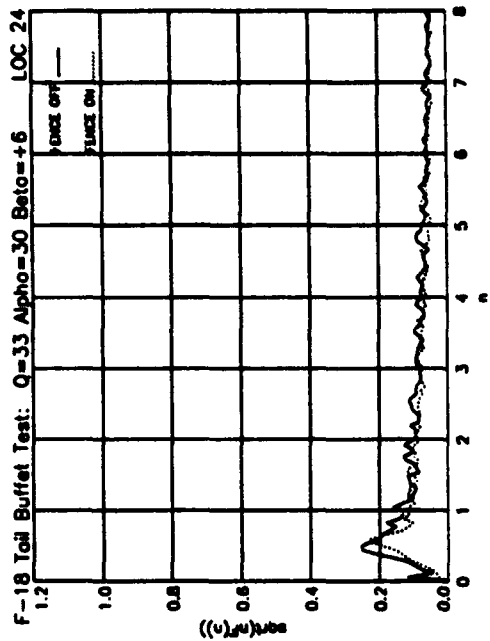
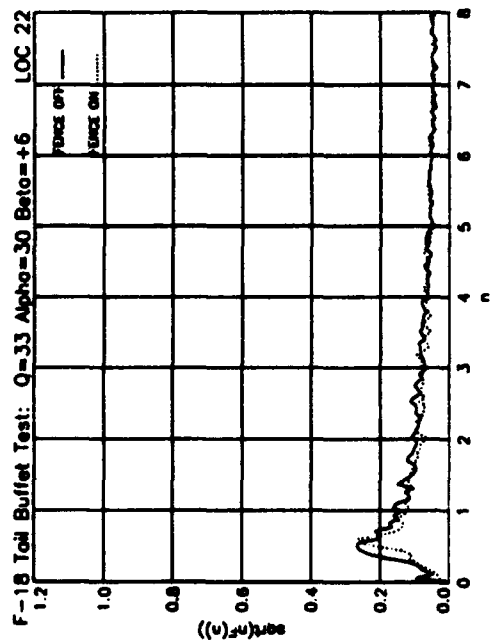


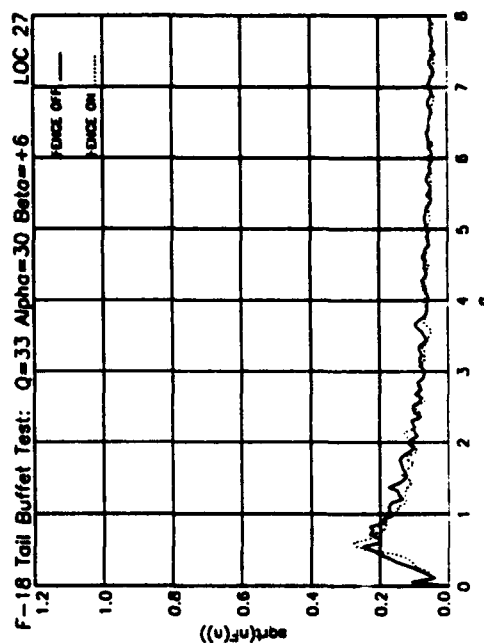
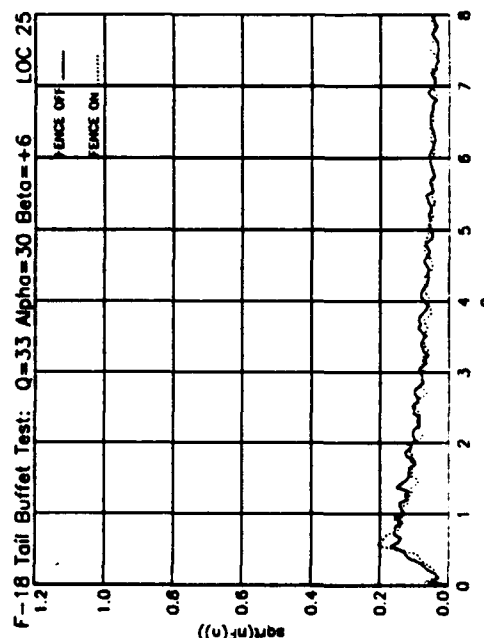
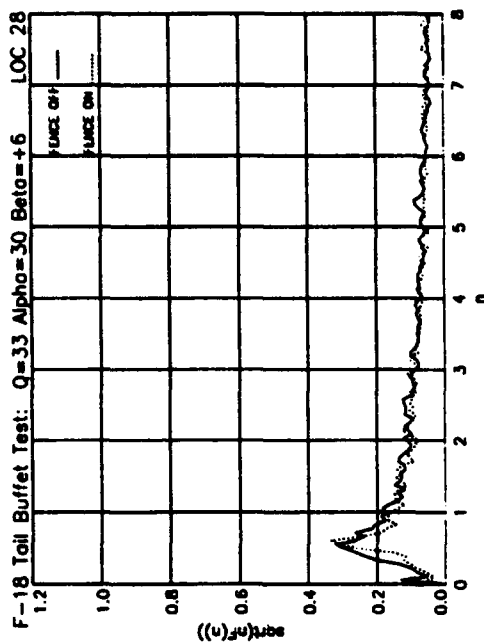
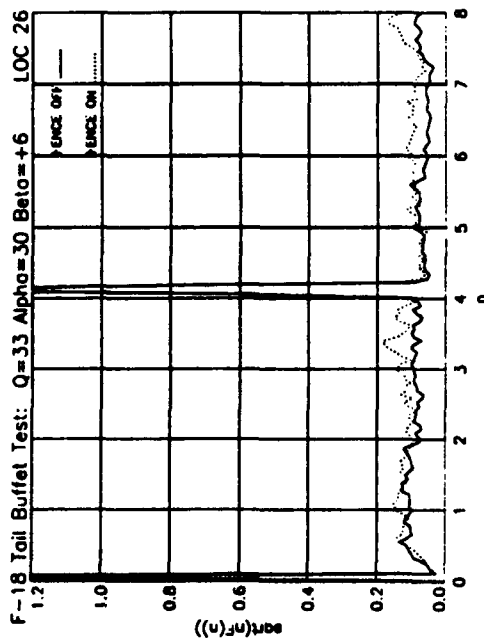


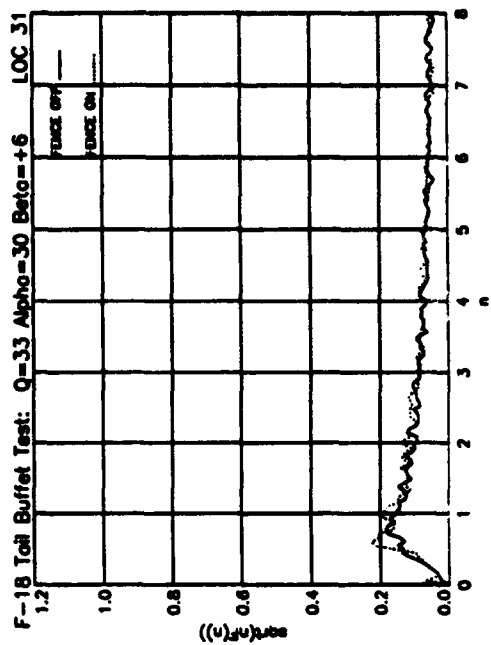
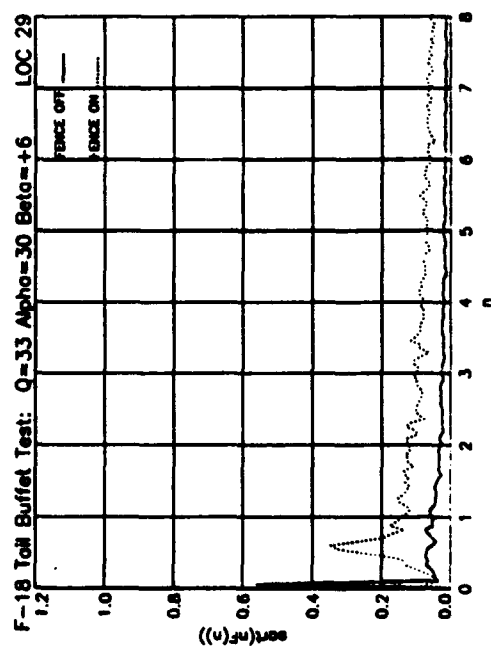
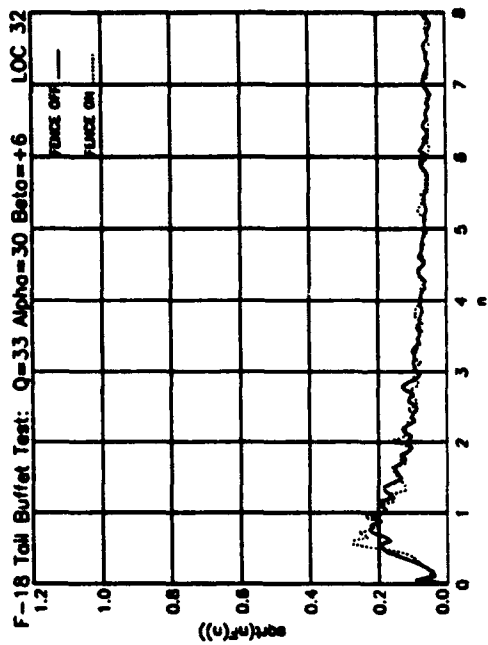
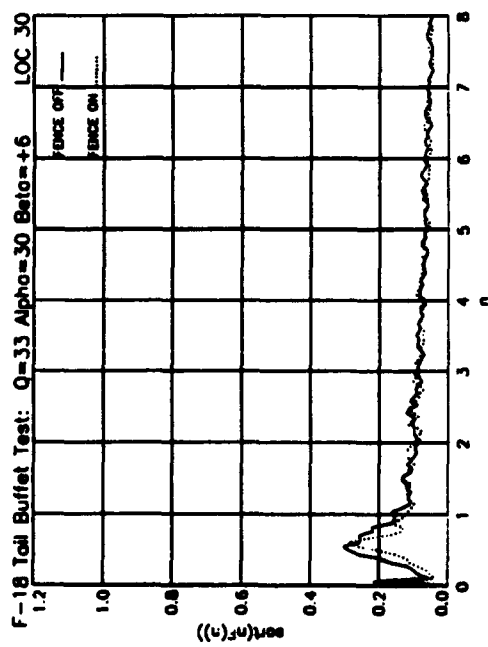


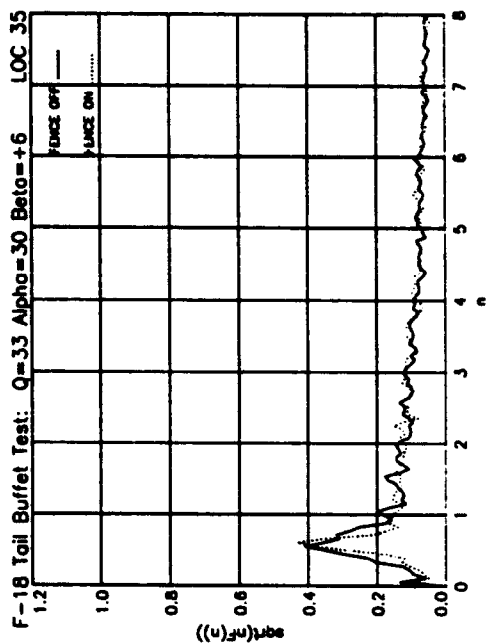
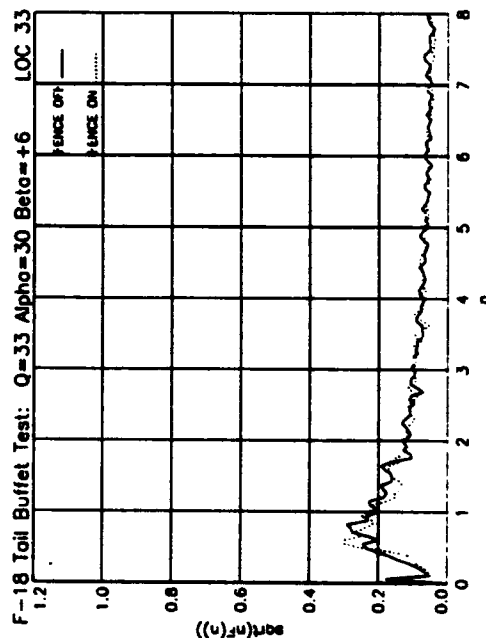
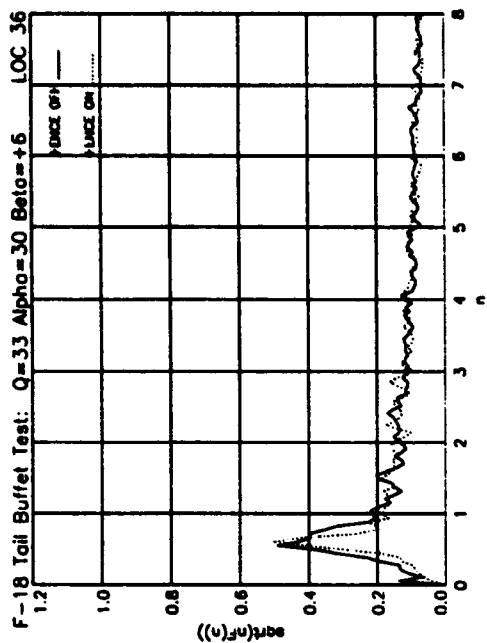
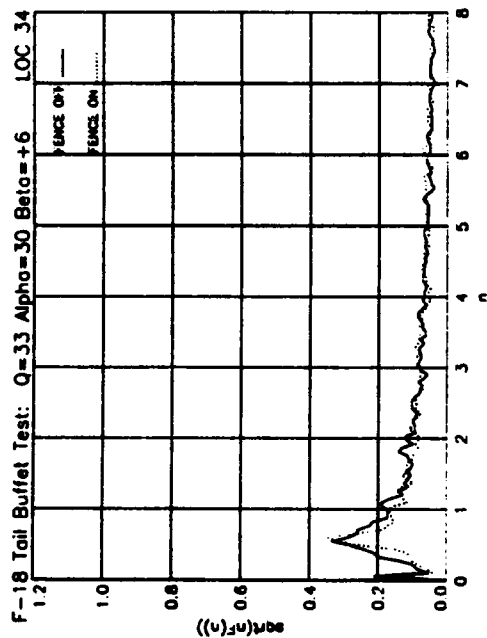




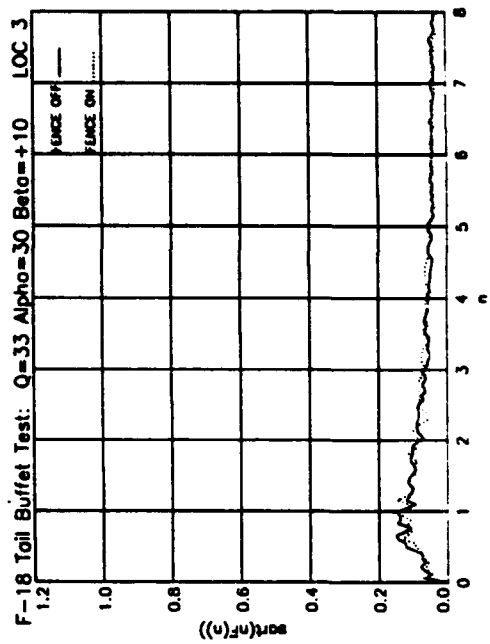
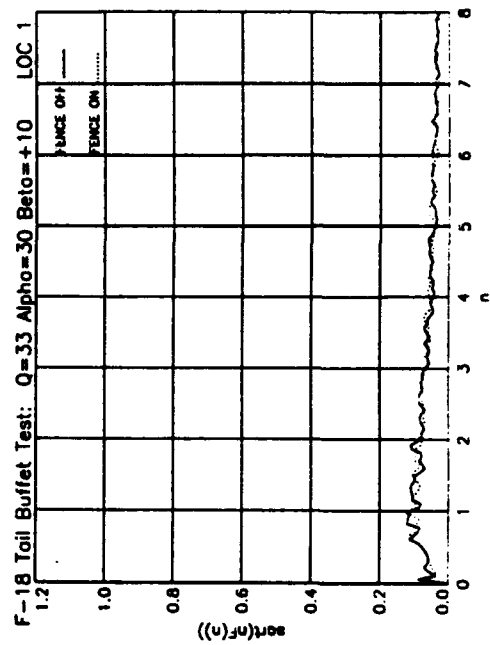
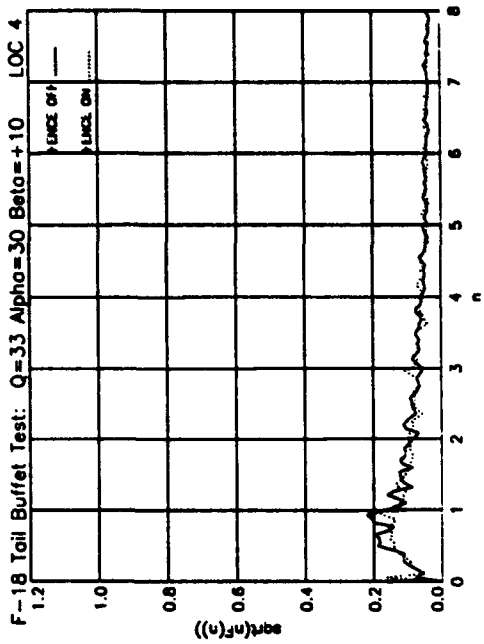
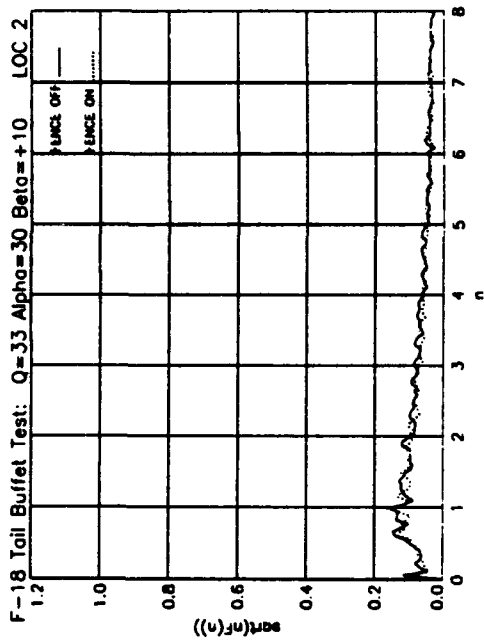


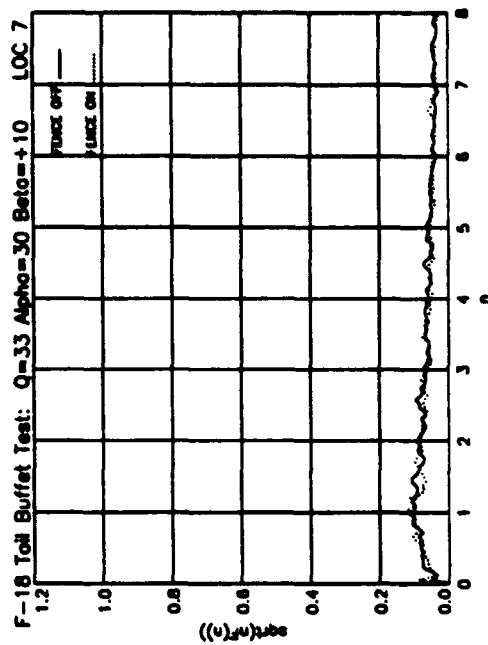
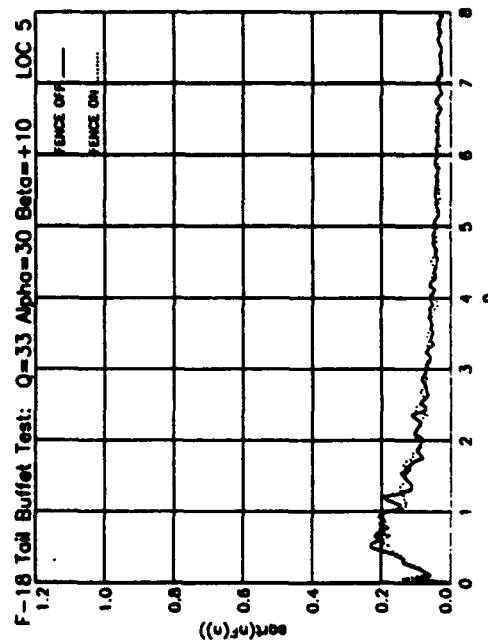
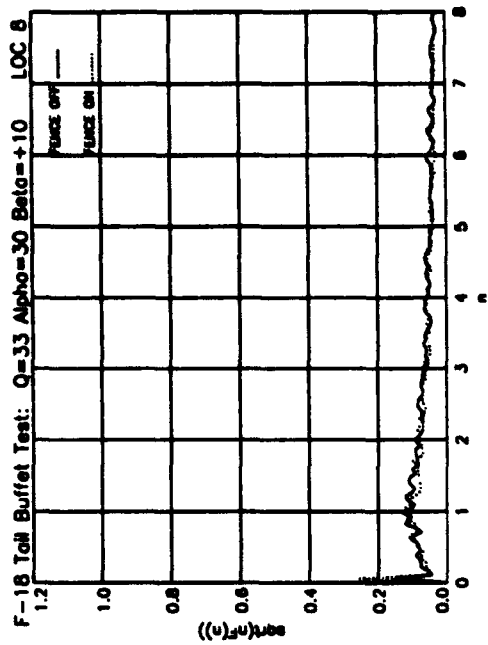
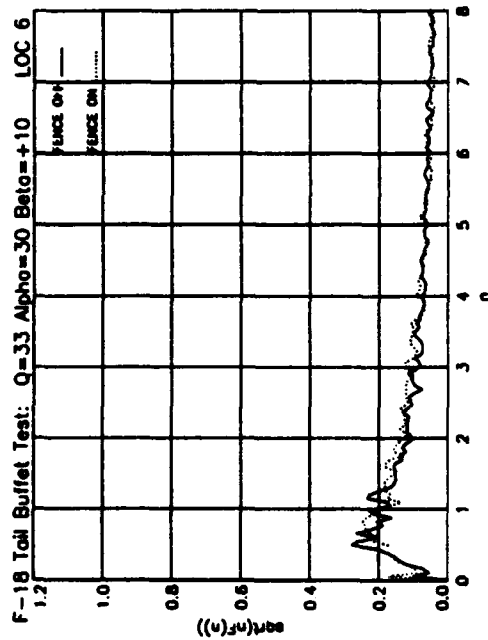




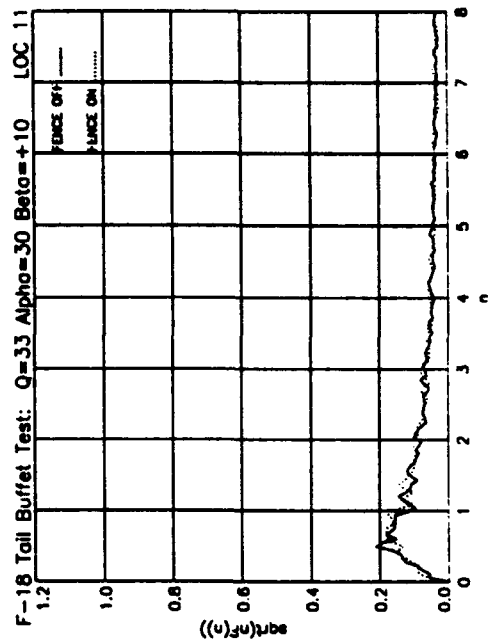
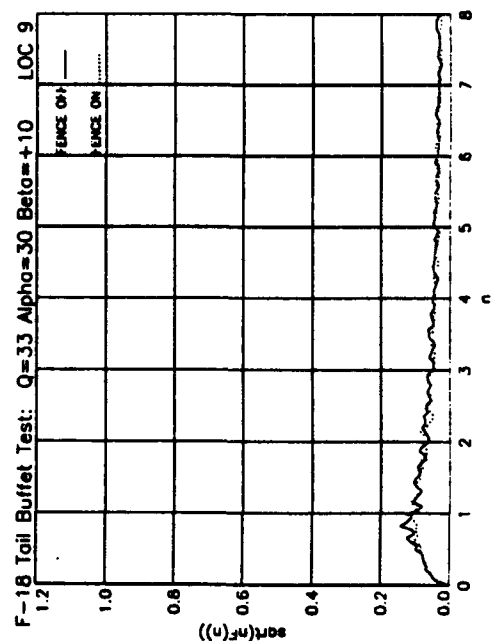
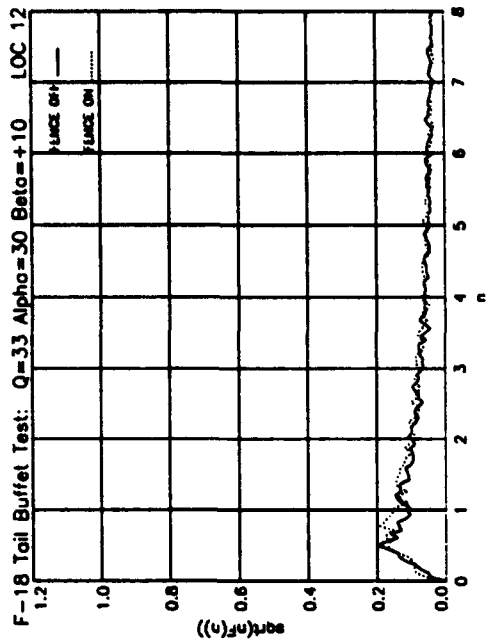
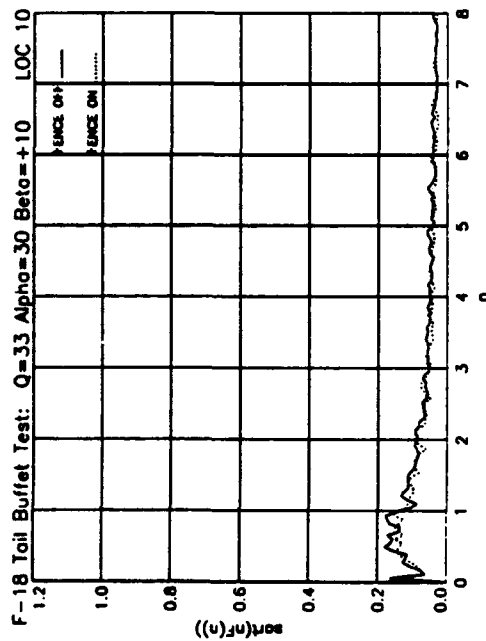


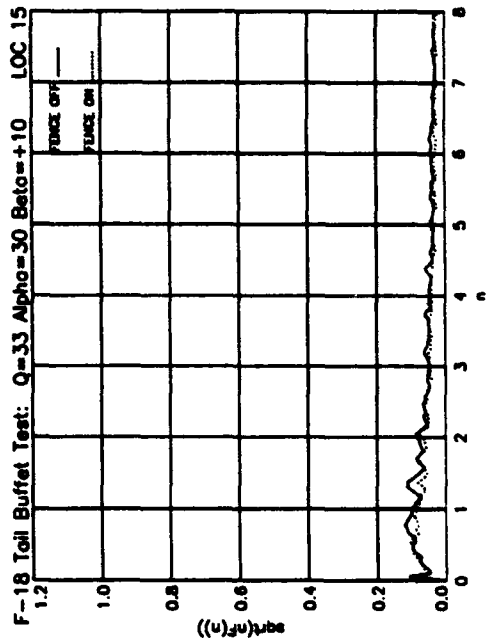
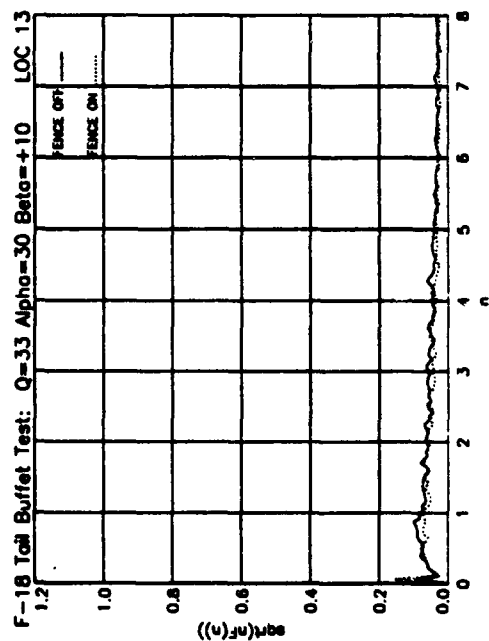
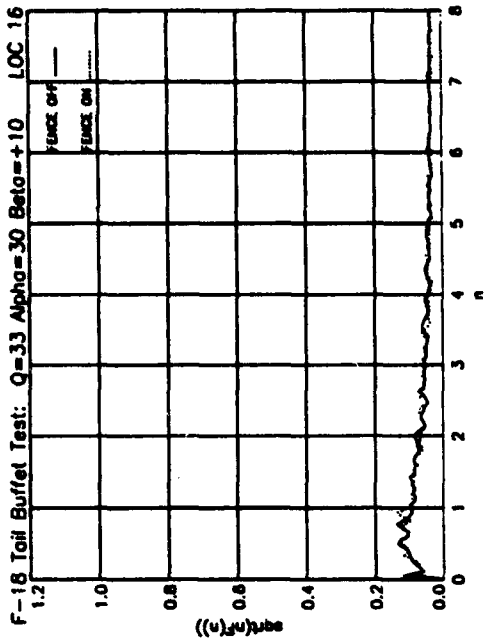
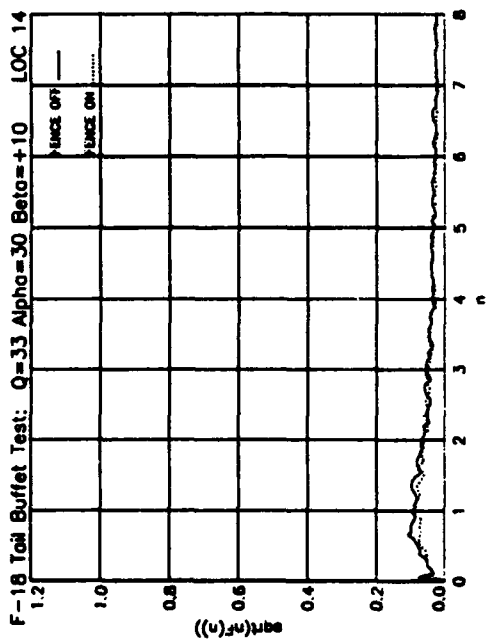


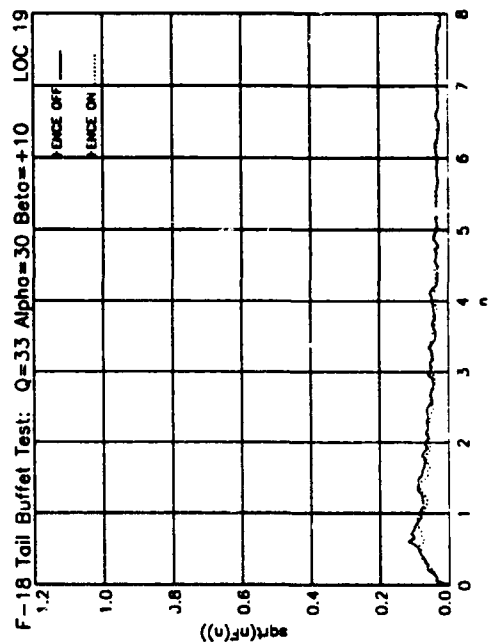
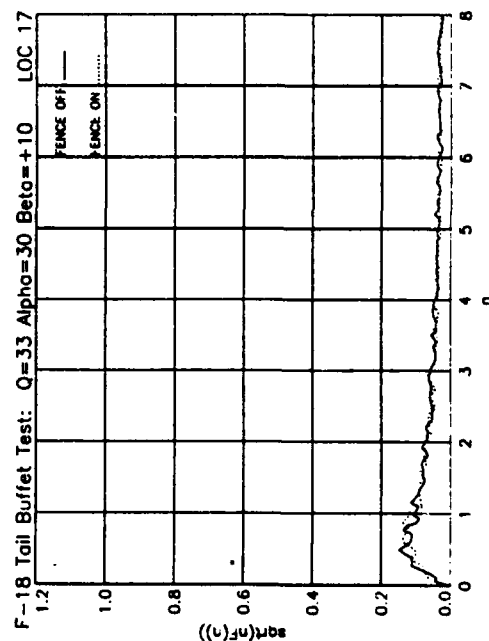
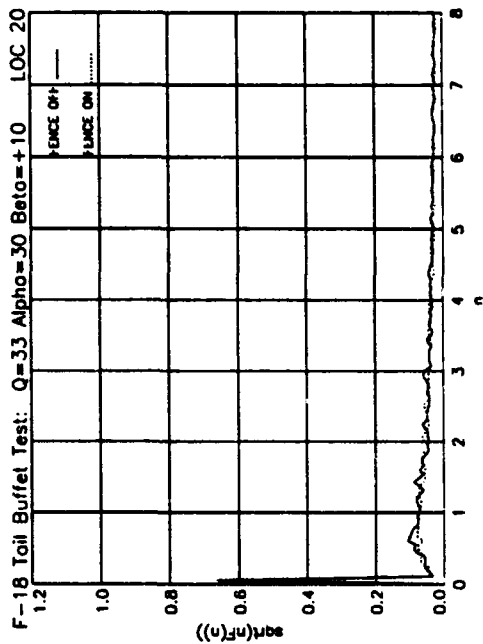
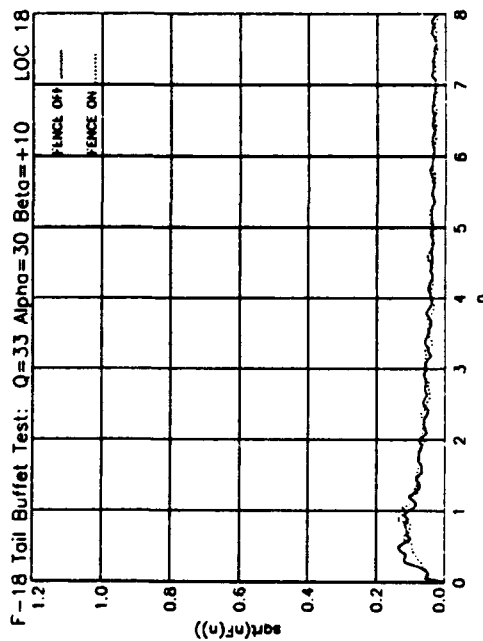


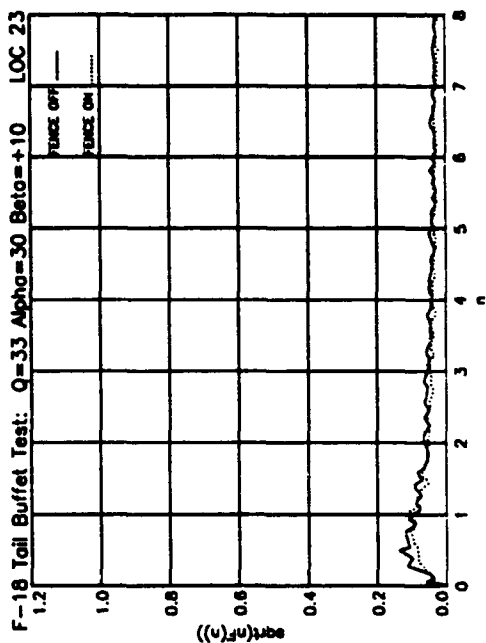
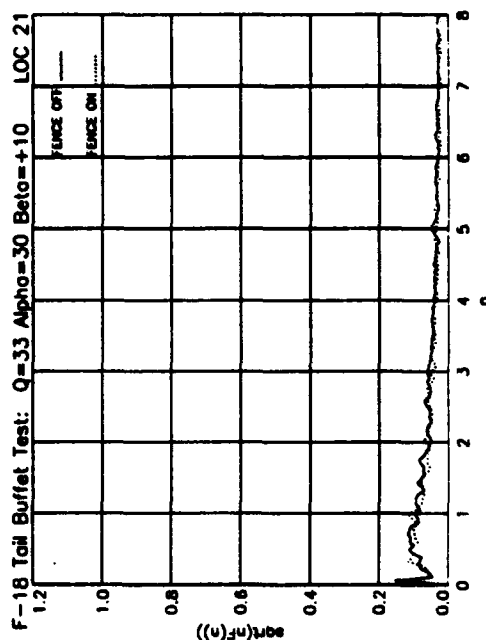
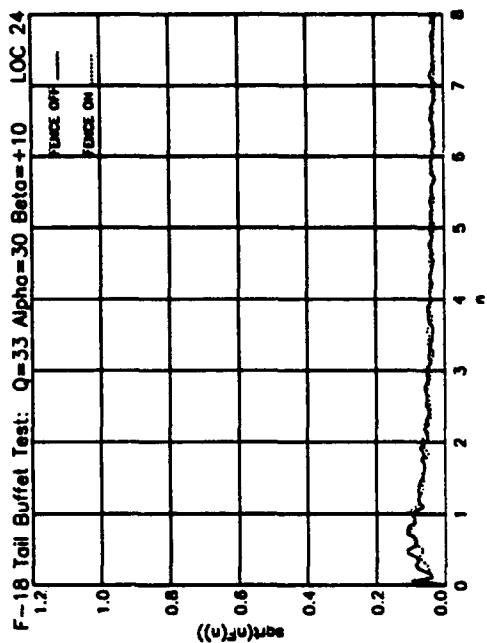
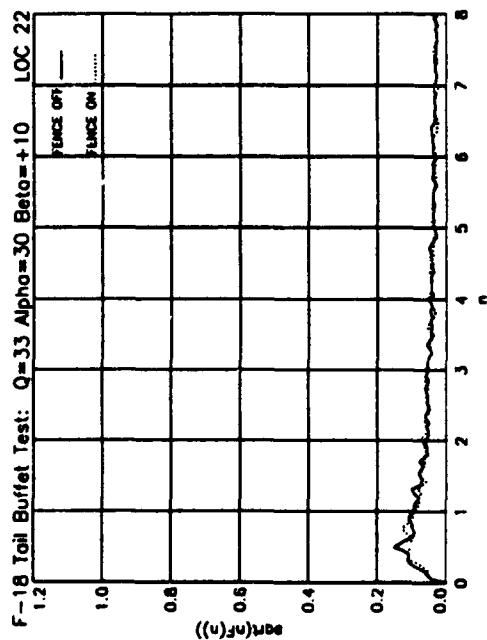


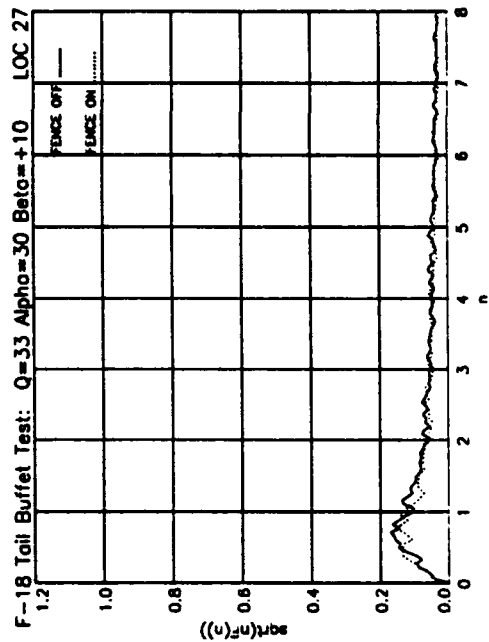
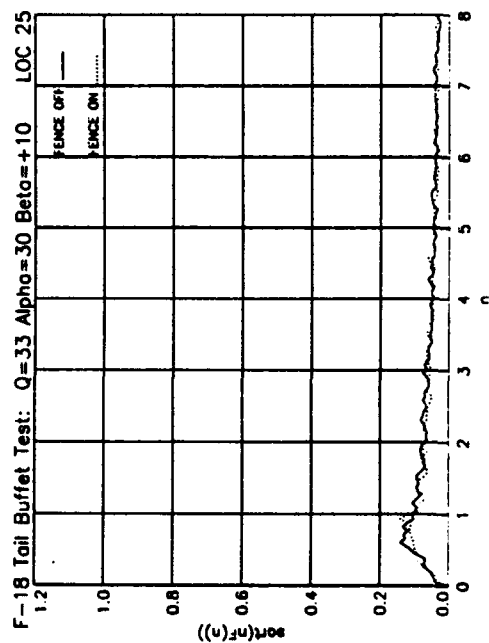
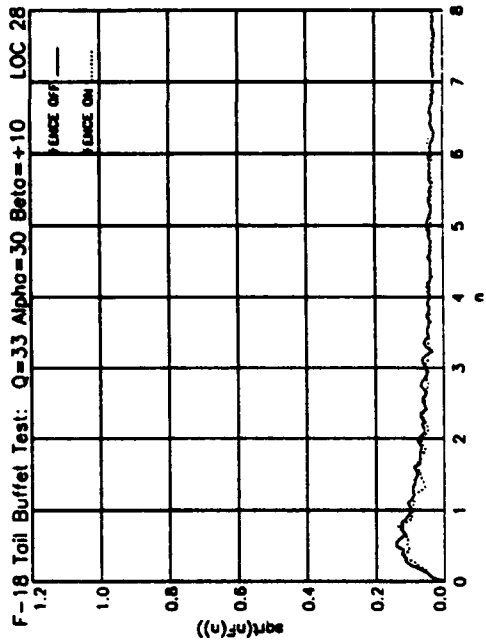
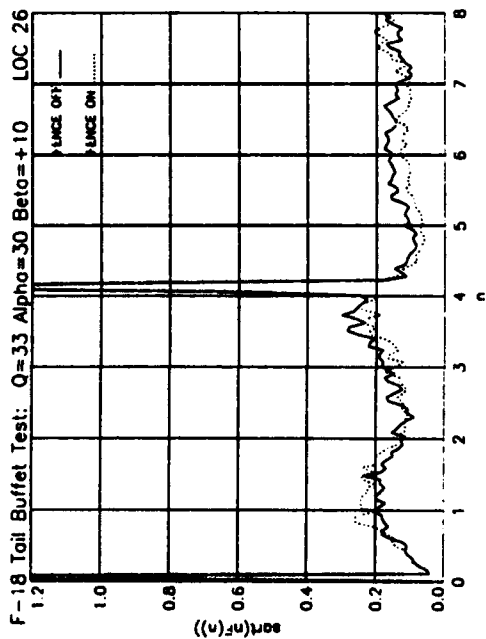


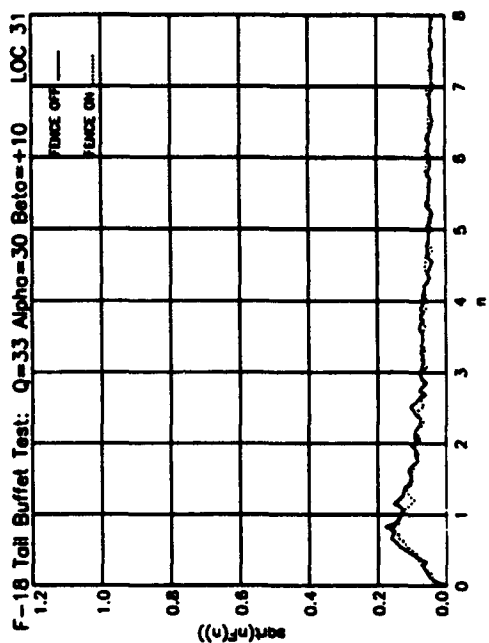
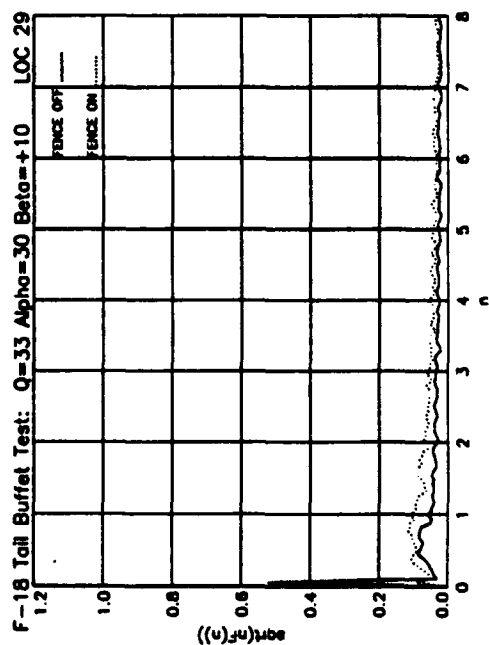
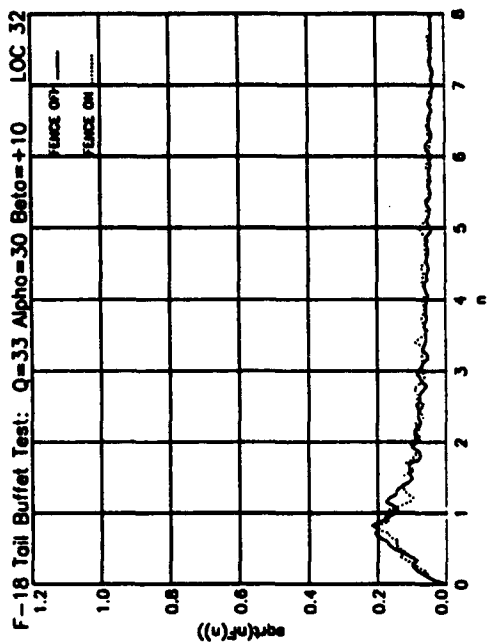
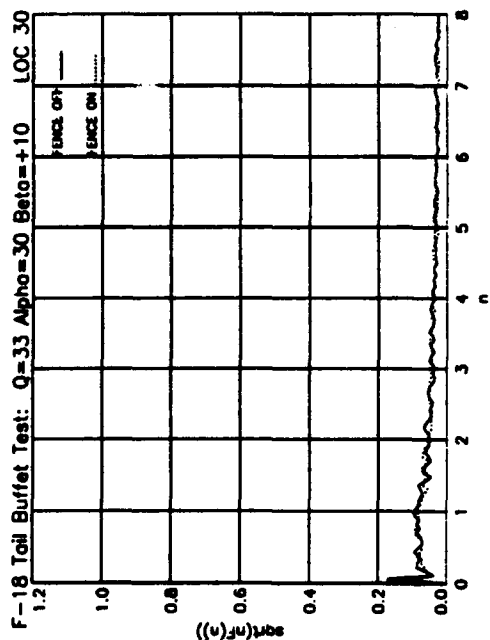


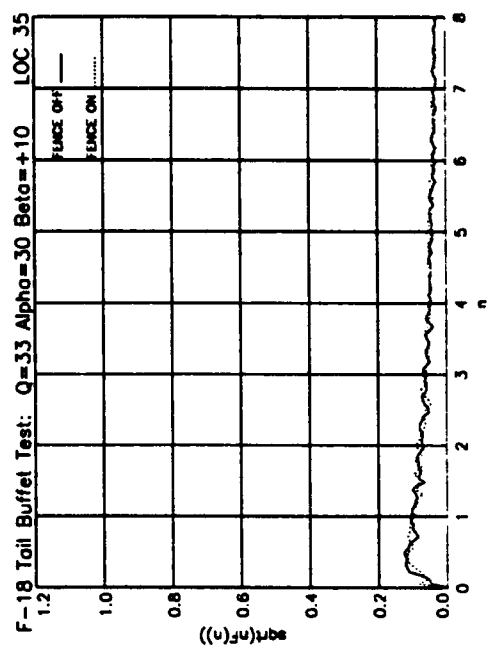
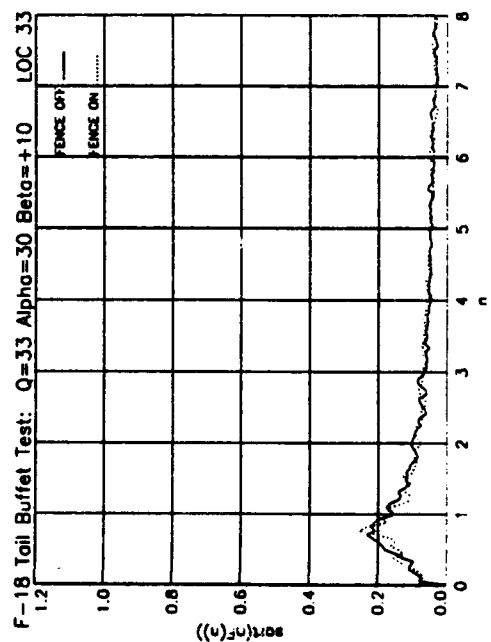
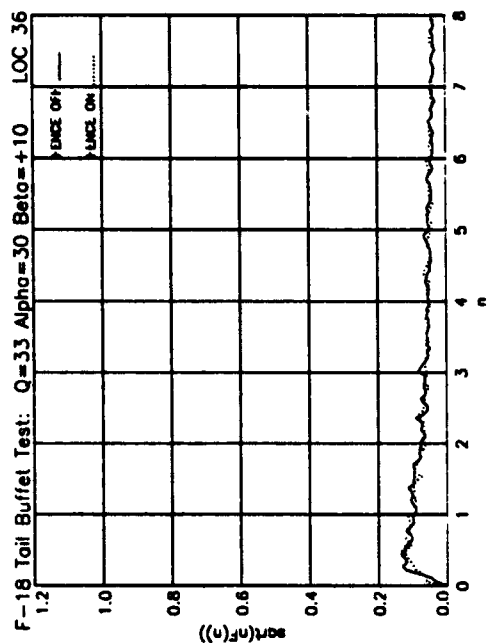
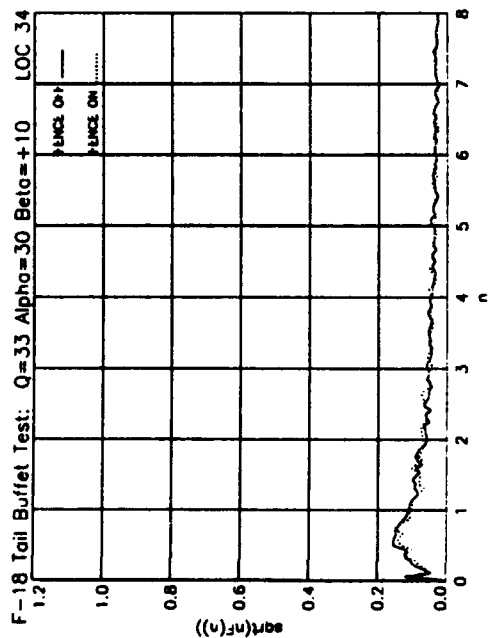






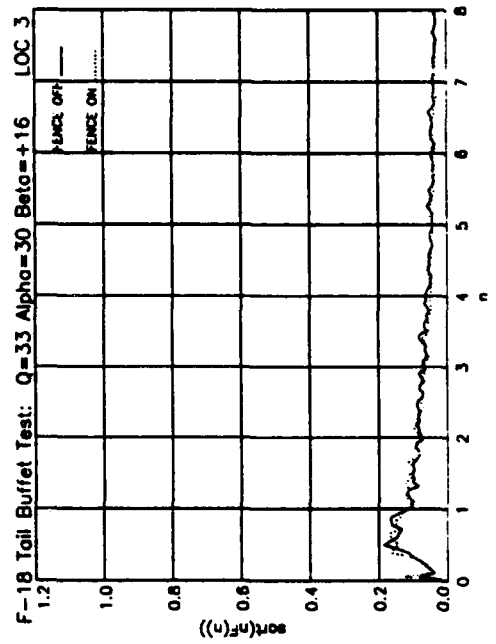
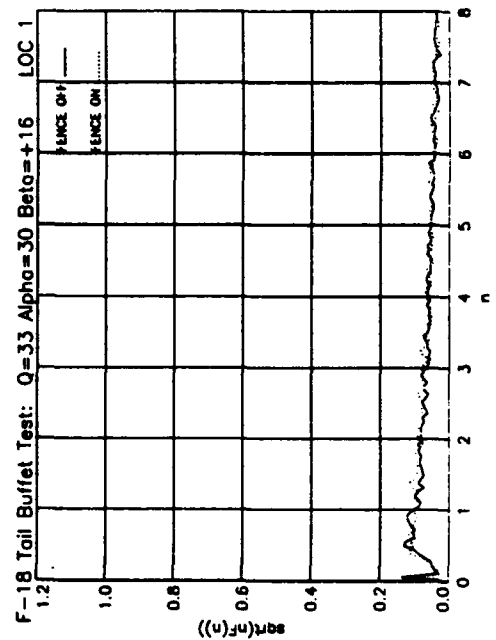
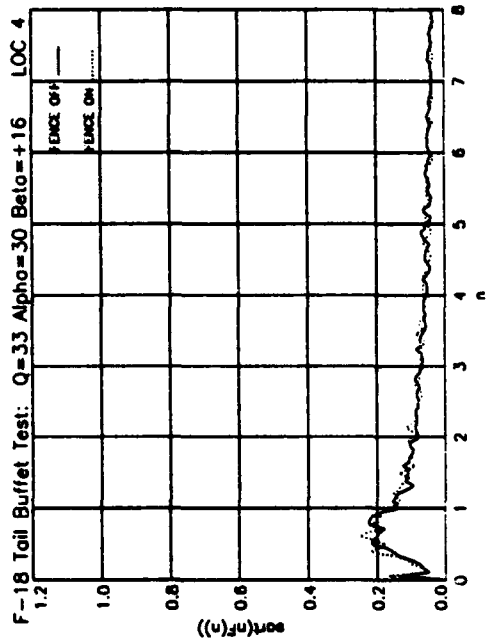
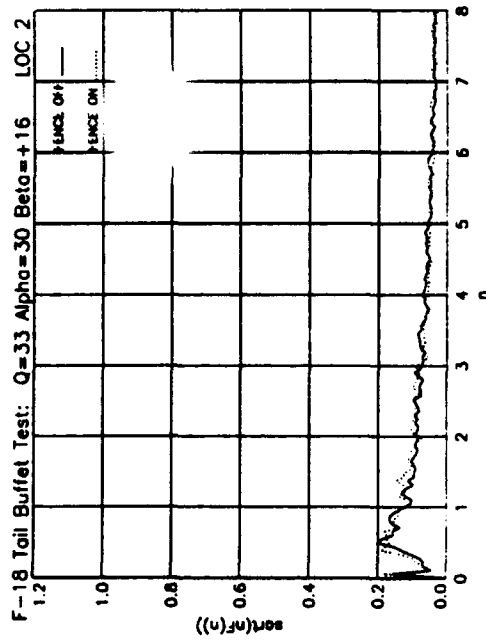


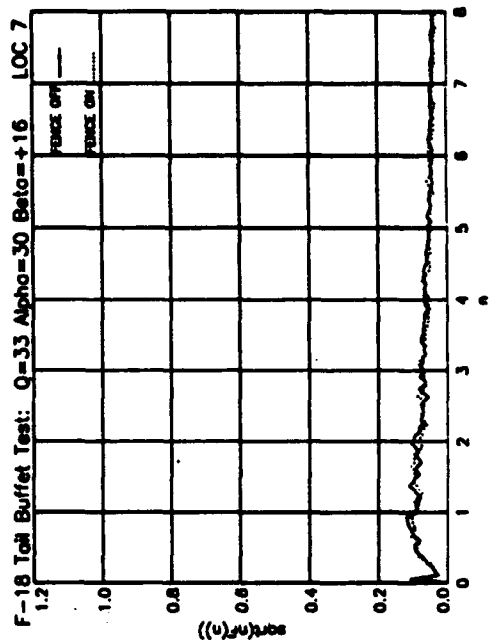
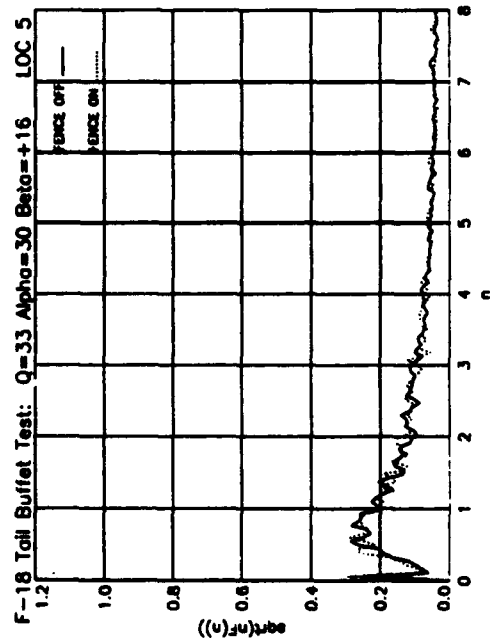
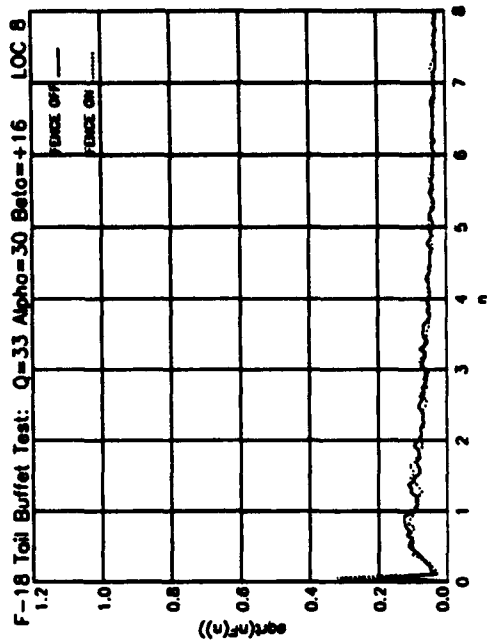
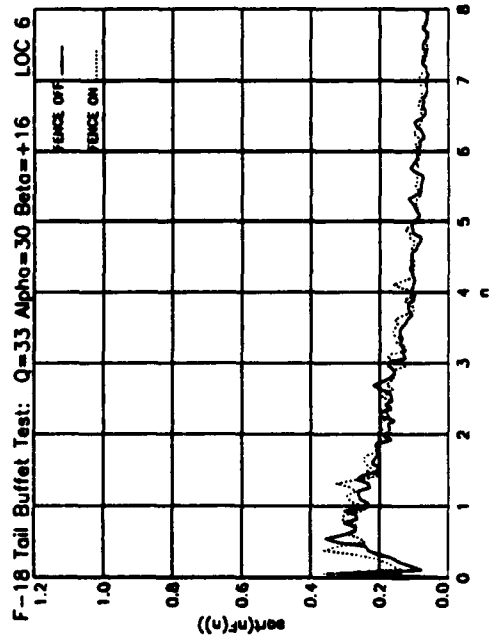


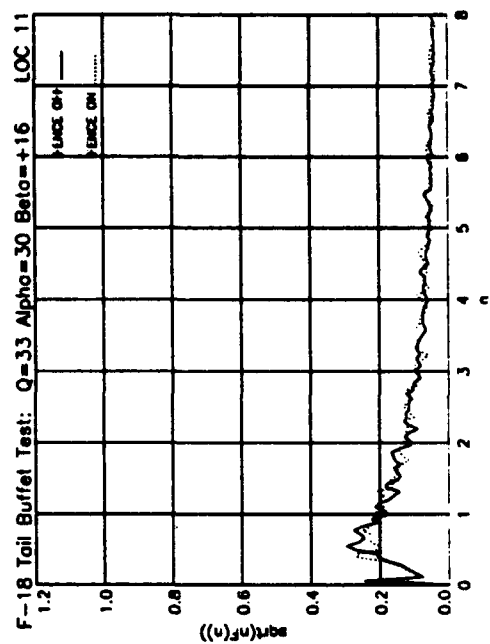
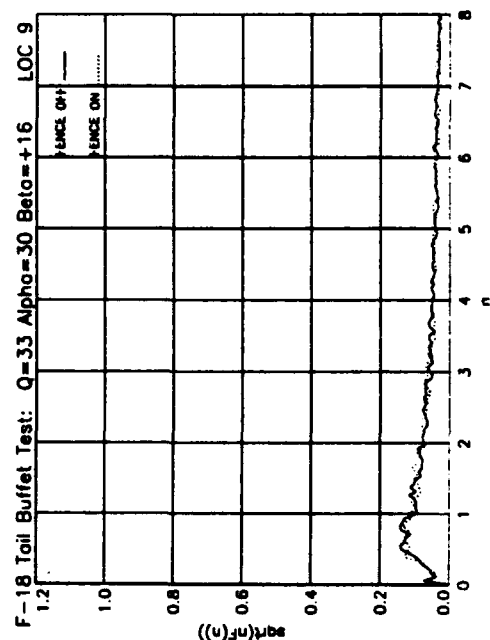
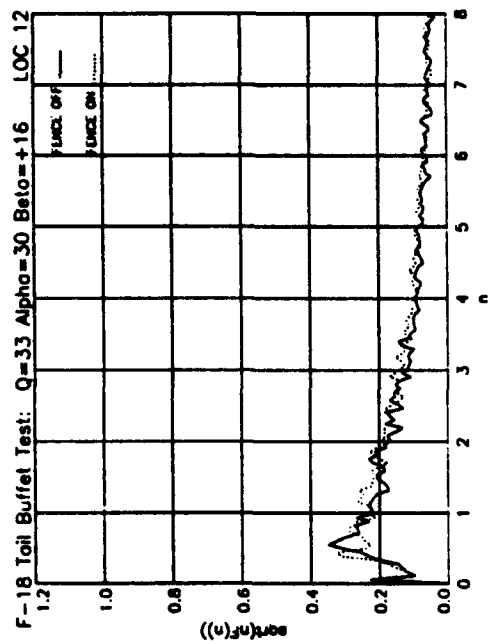
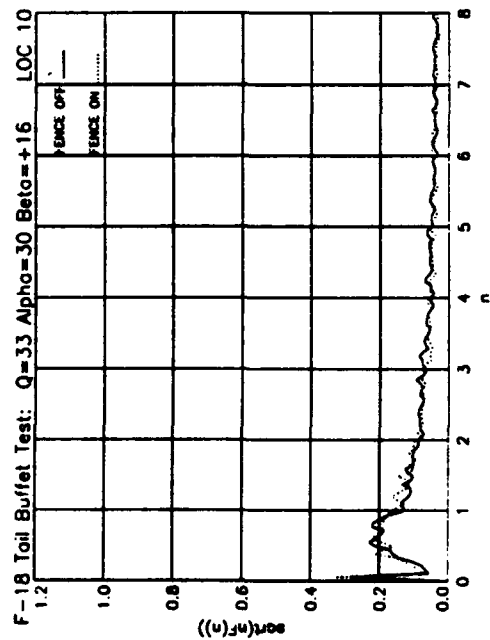


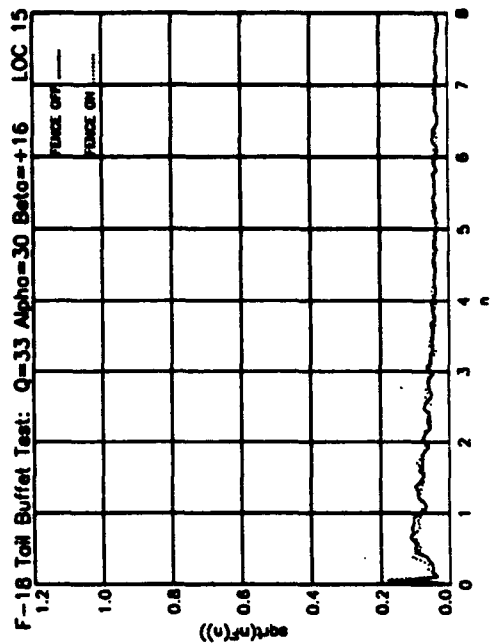
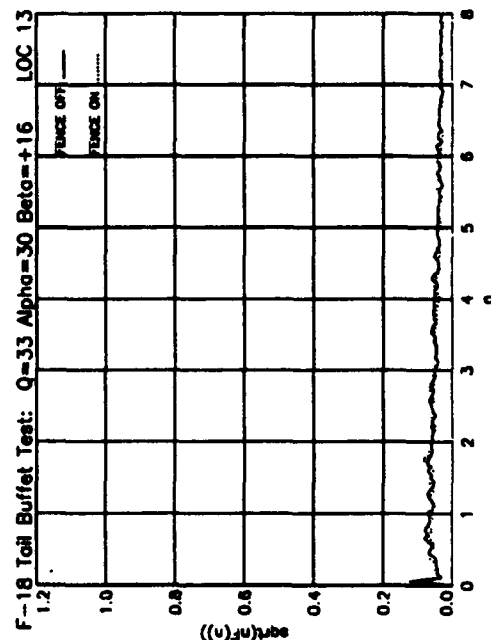
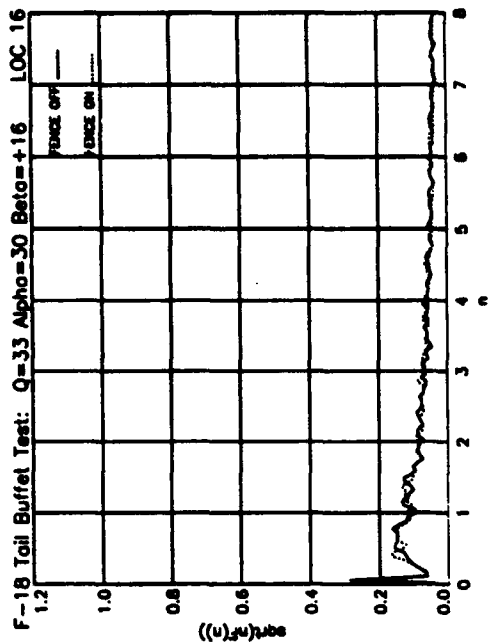
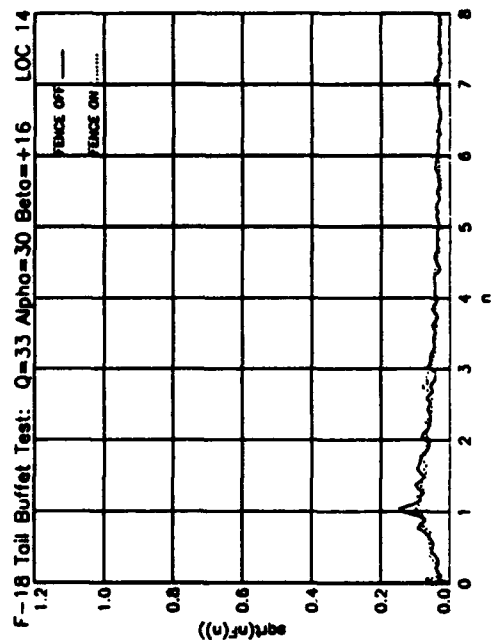


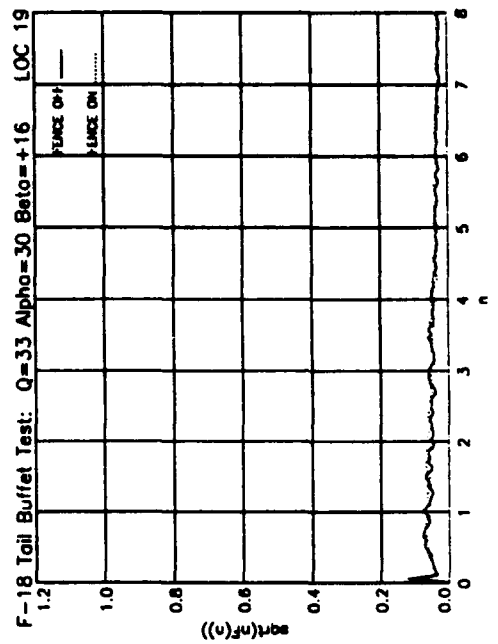
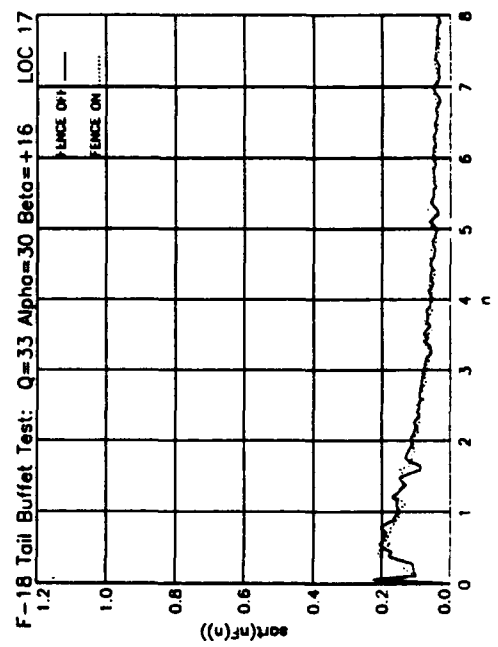
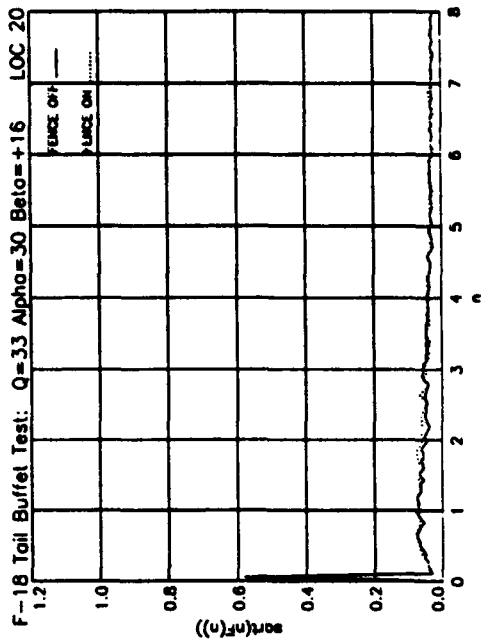
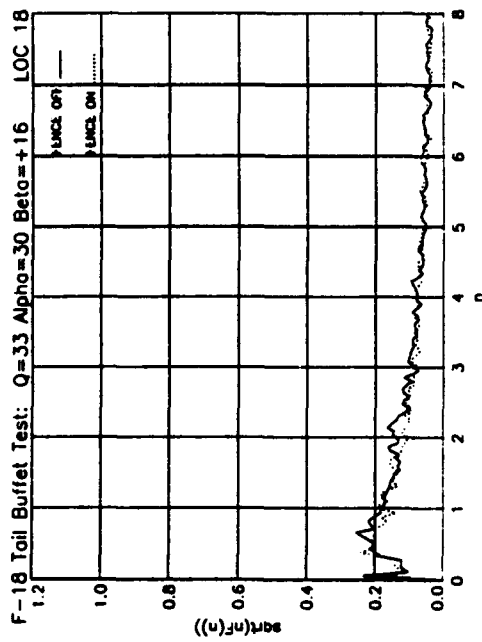


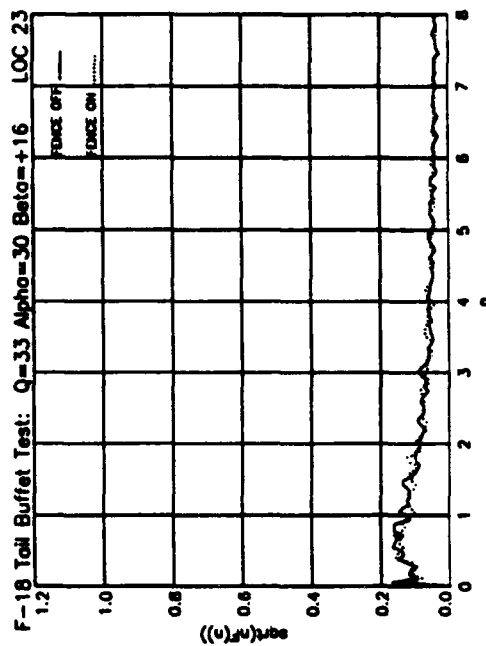
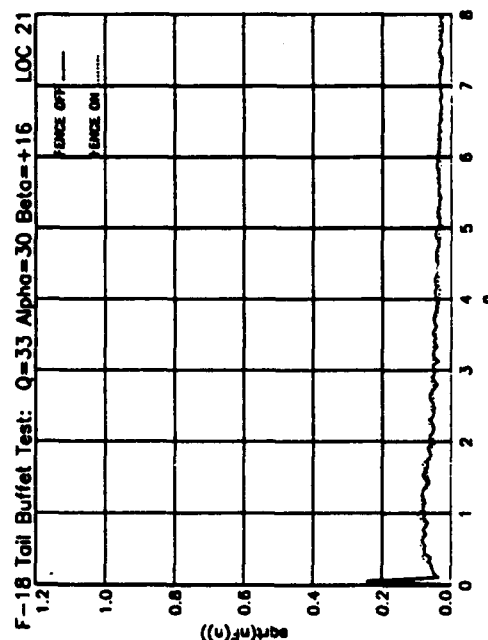
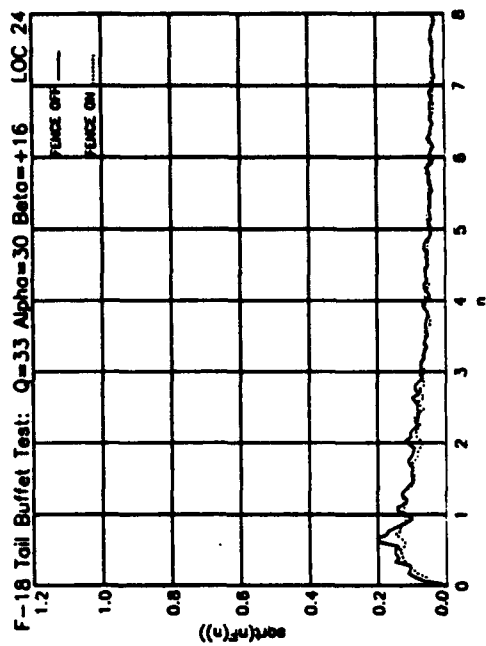
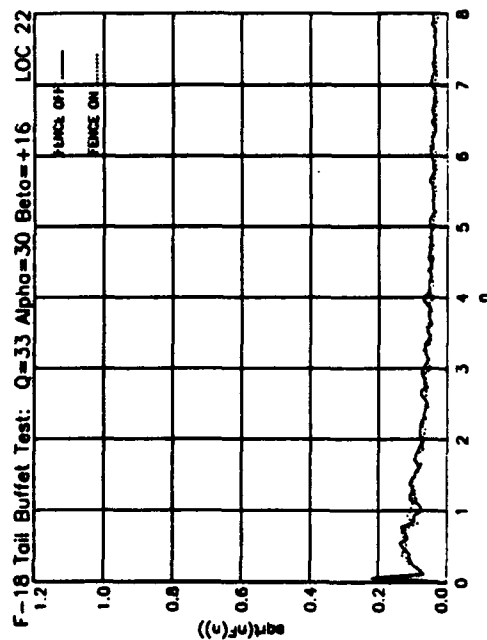


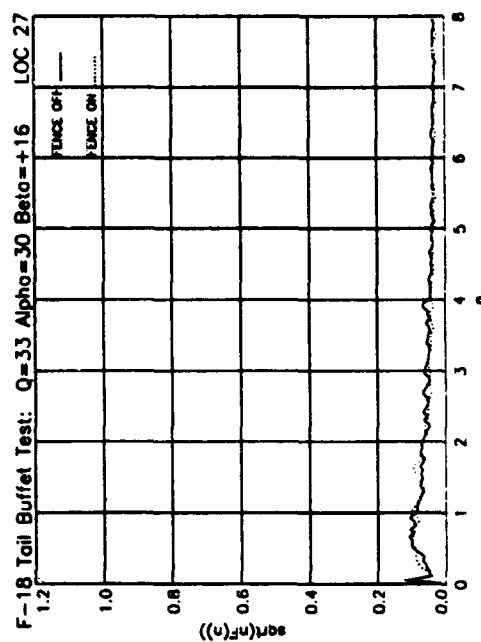
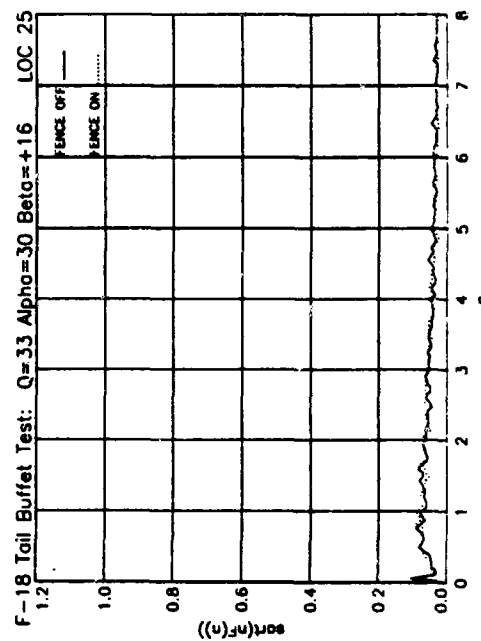
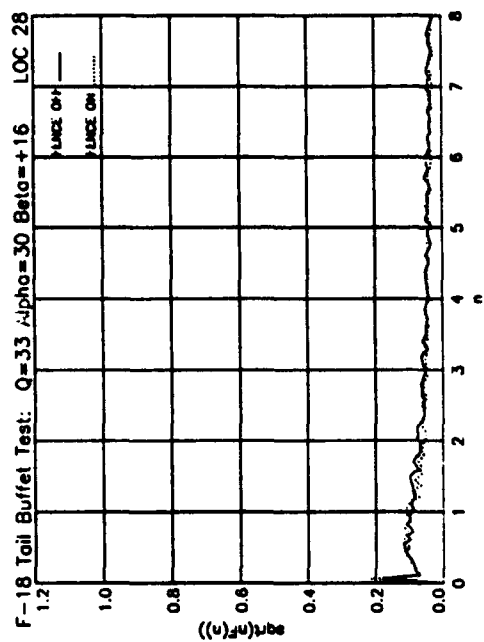
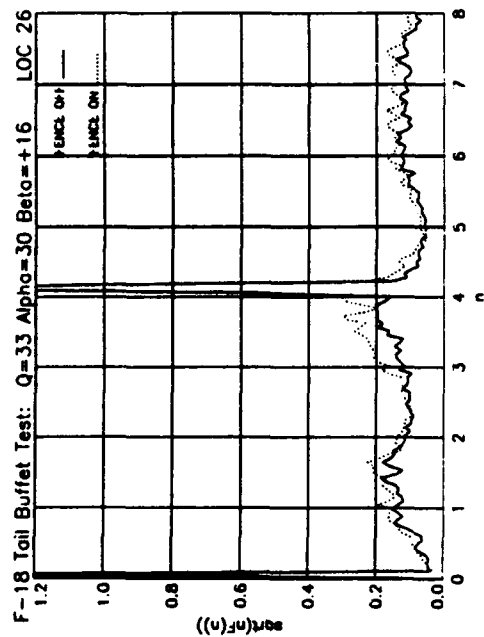


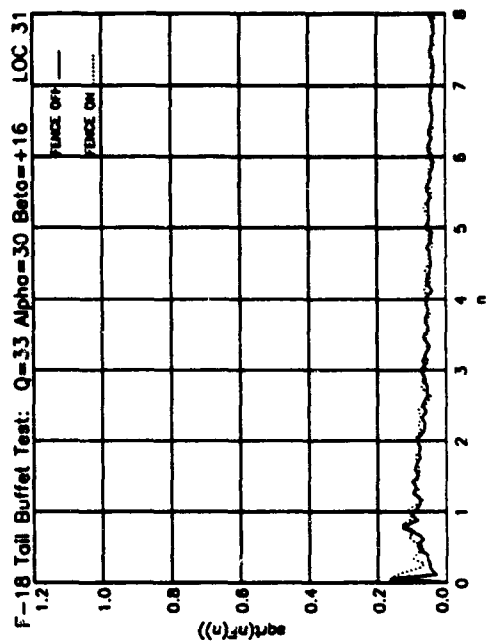
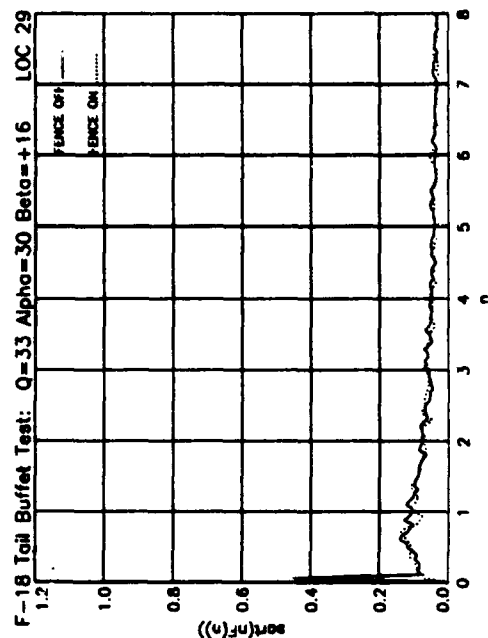
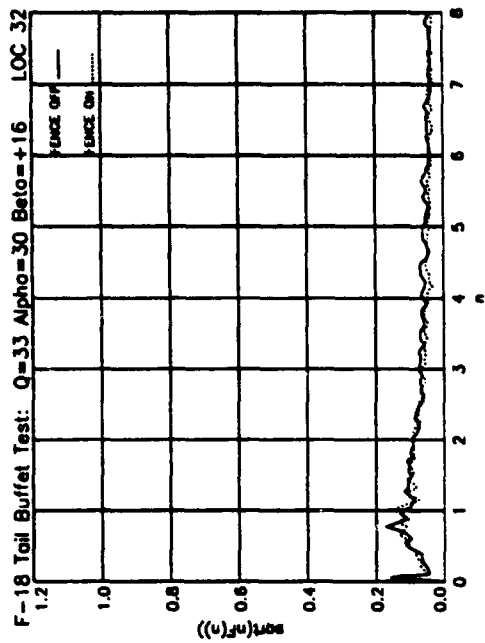
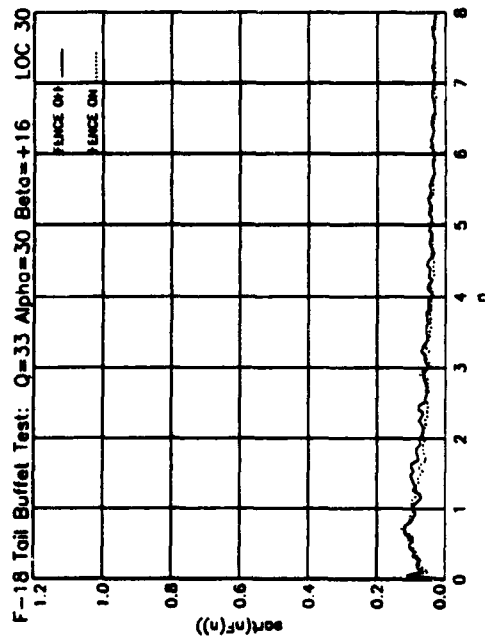




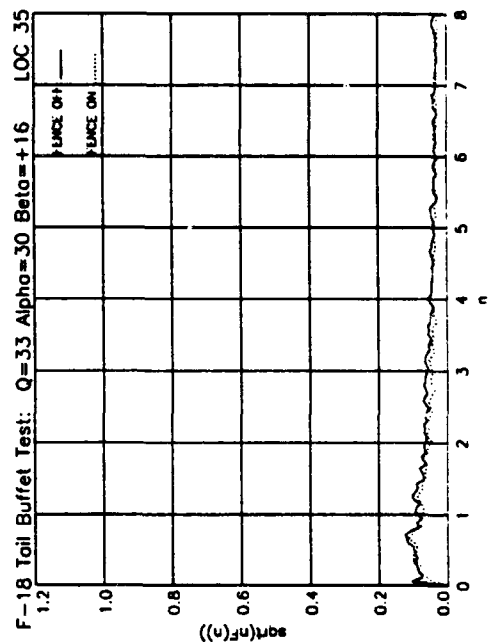
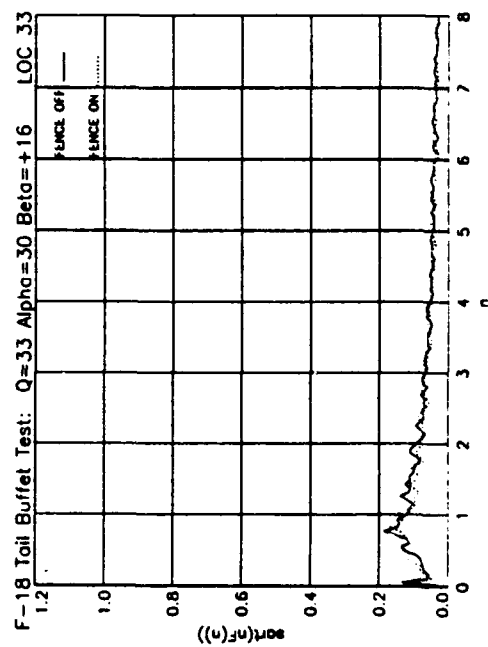
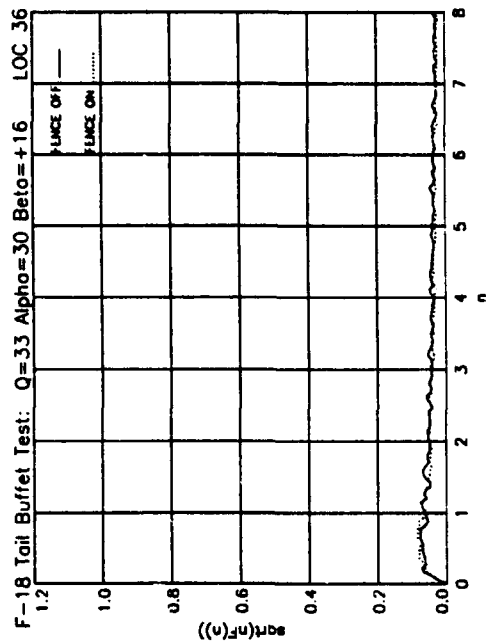
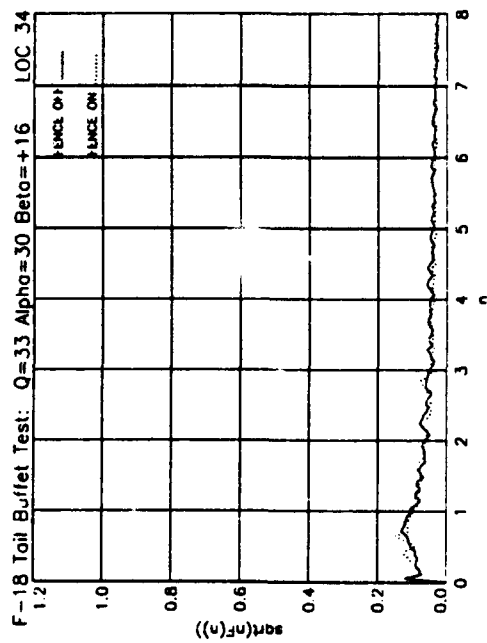














## **Acceleration Power Spectral Densities**

**Angle of Attack = 35 degrees**

**Test Variable - Aircraft Sideslip Angle**

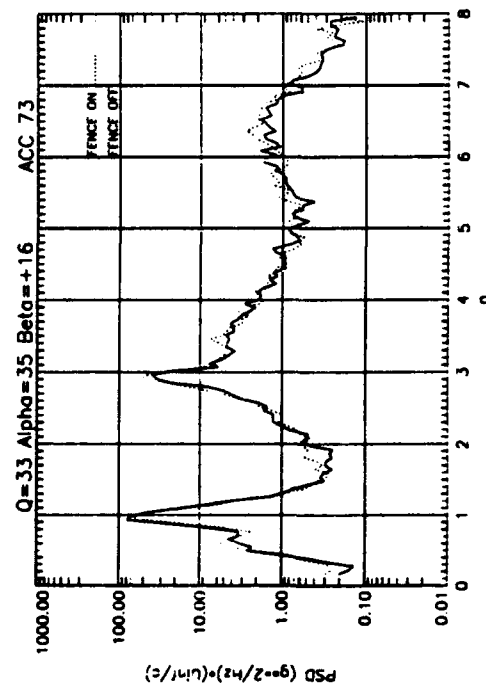
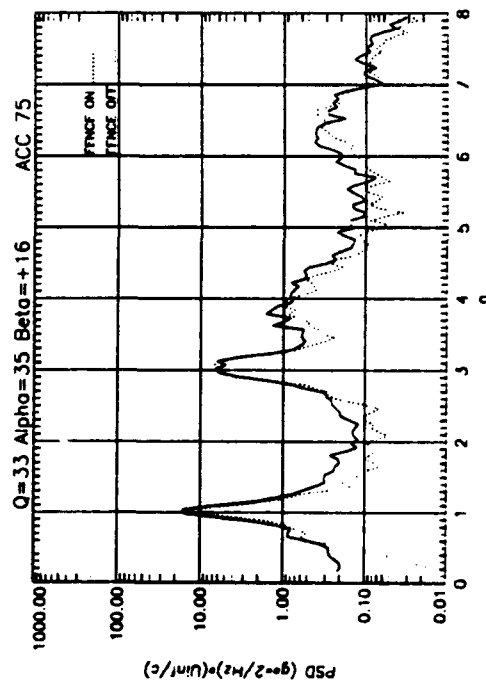
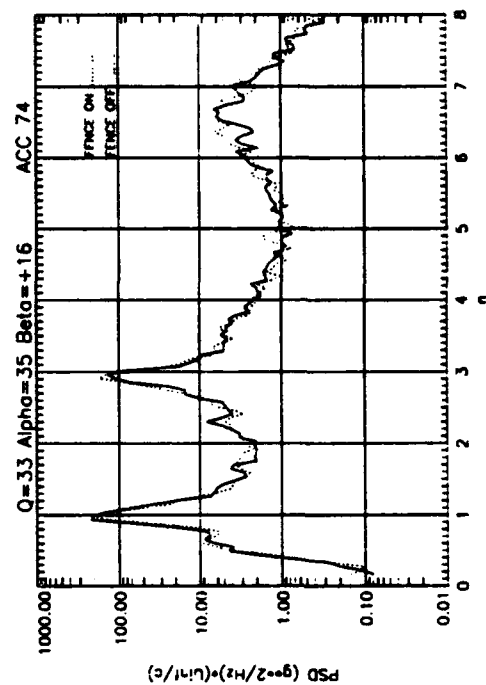
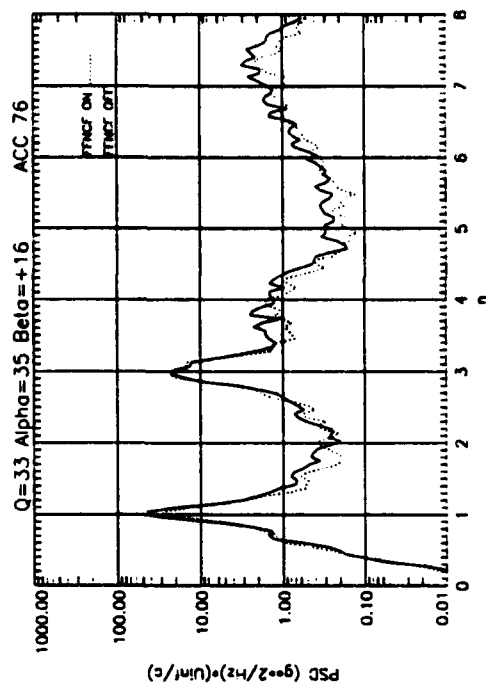
**Sideslip Angle = -16, -10, -6, 4, -2, 0, 2, 4, 6, 10, 16 degrees**

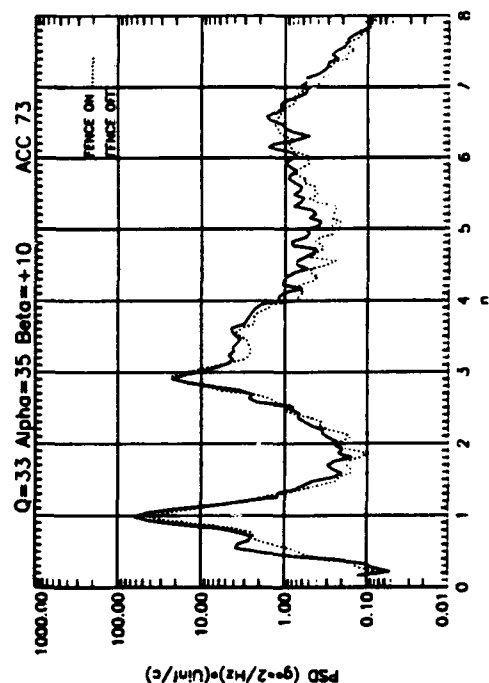
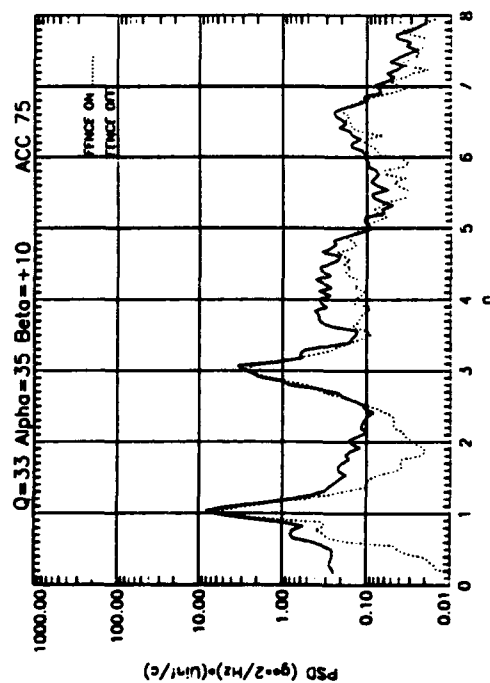
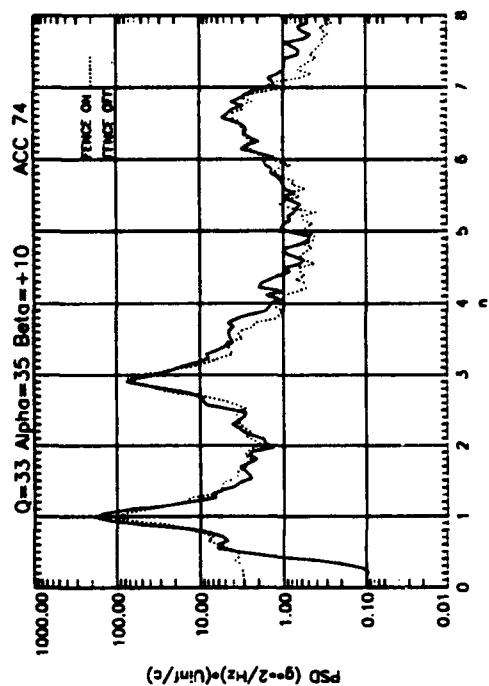
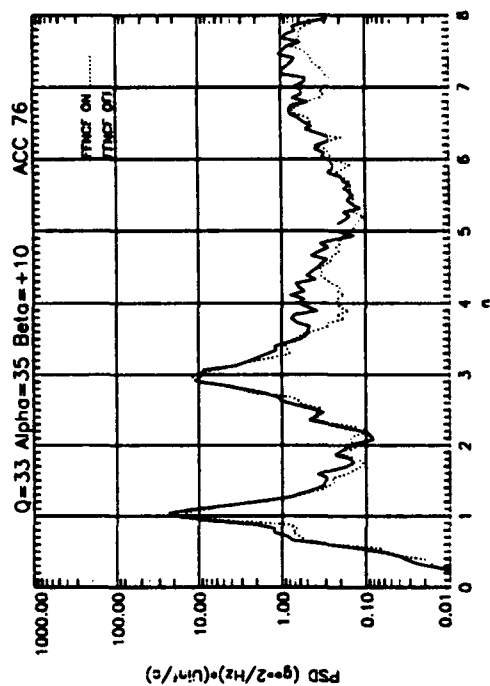
**Test Variable - Dynamic Pressure**

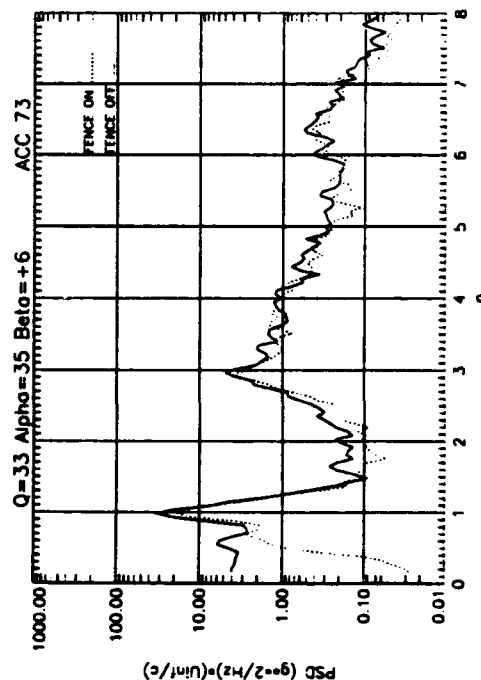
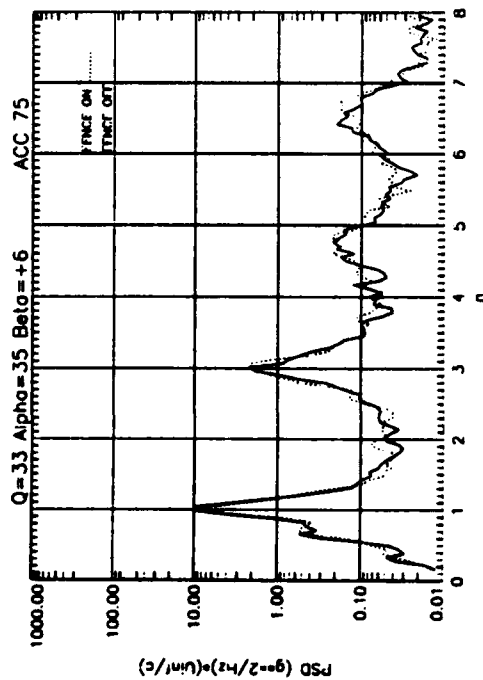
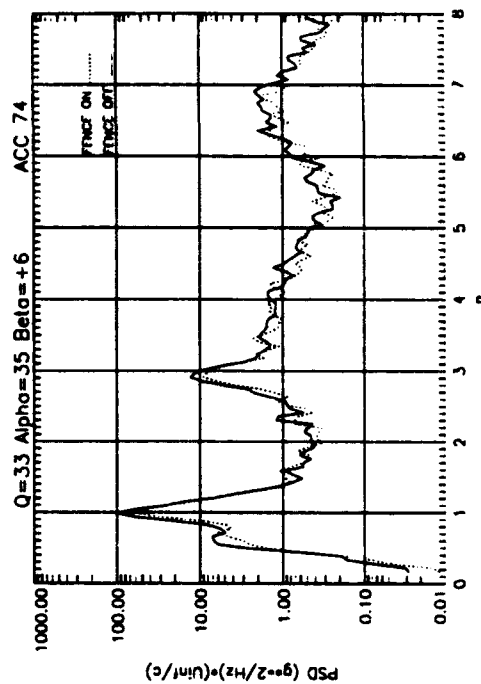
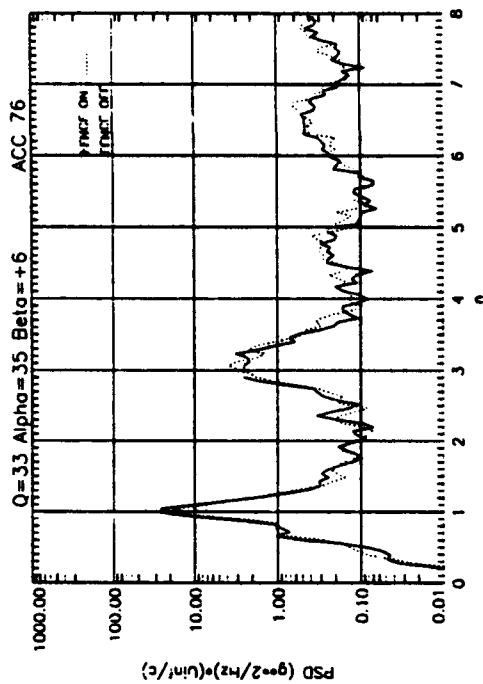
**$q = 33 \text{ psf}$**

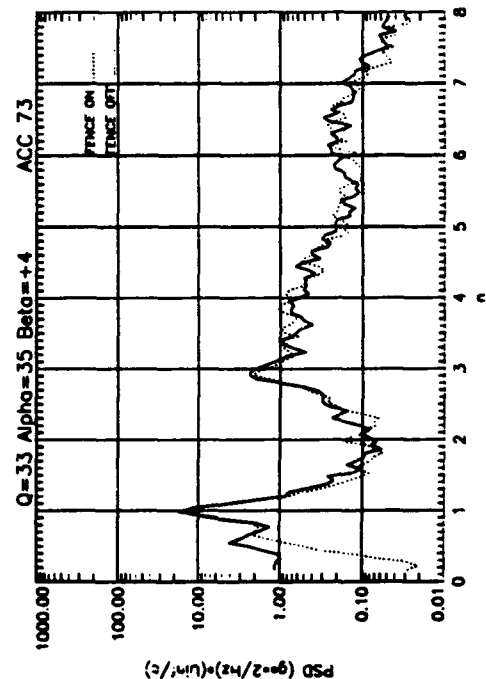
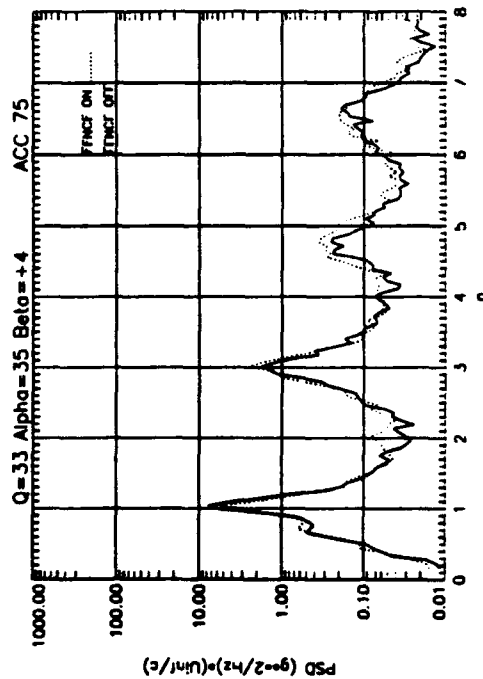
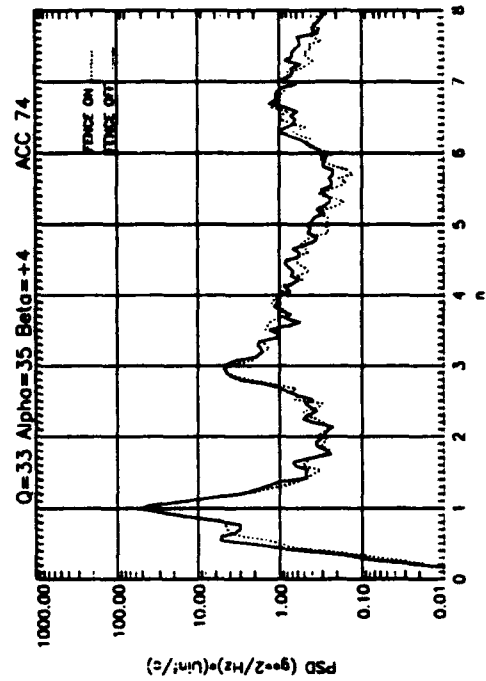
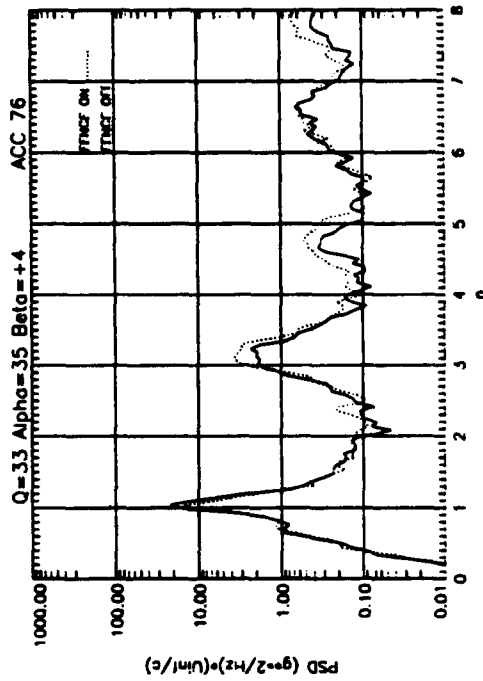
**LEX Fence Off and LEX Fence On**



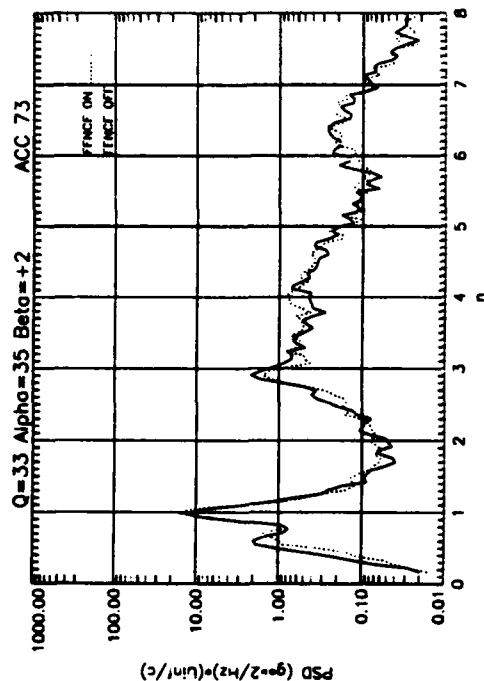
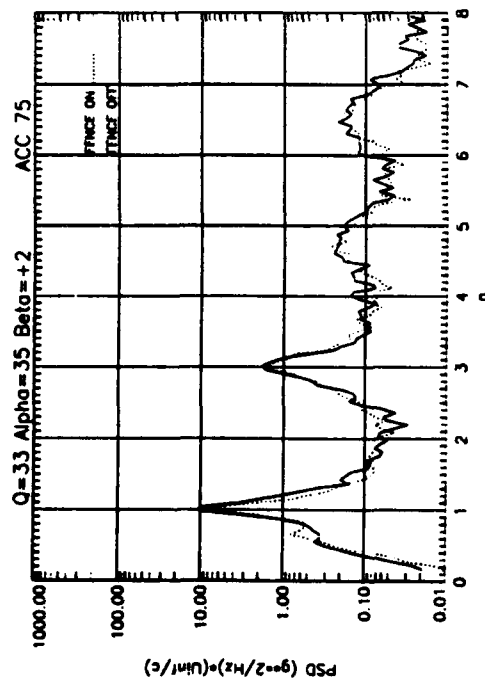
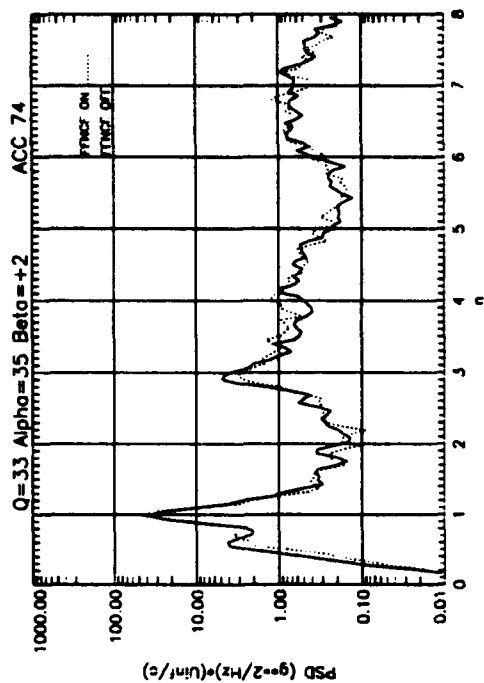
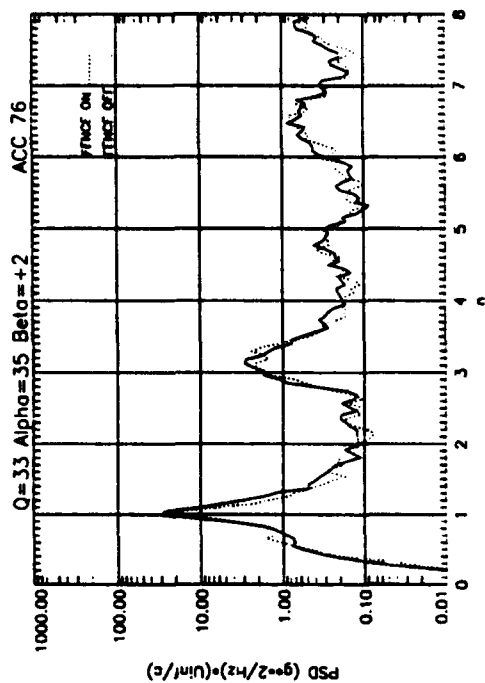


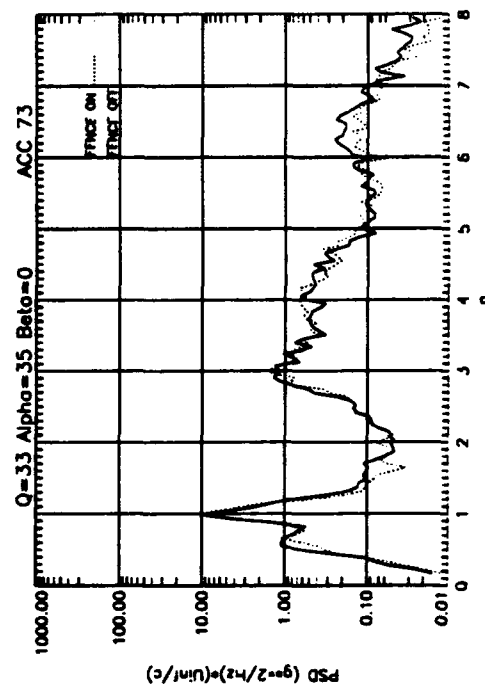
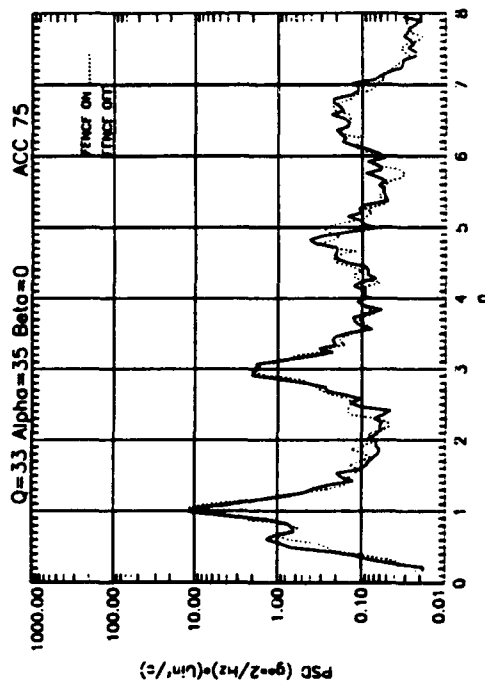
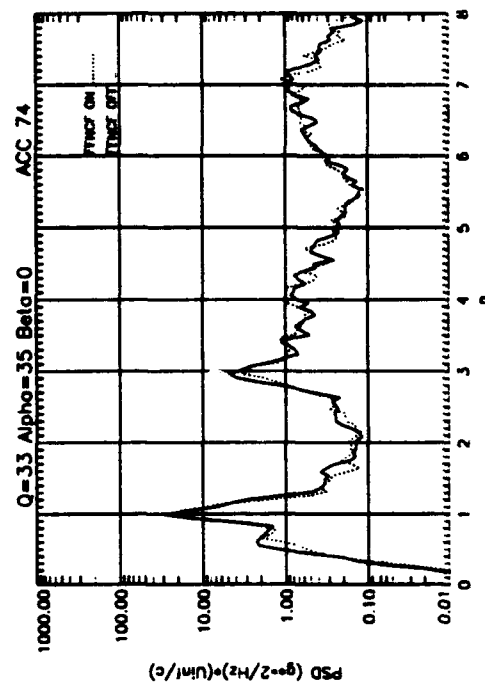
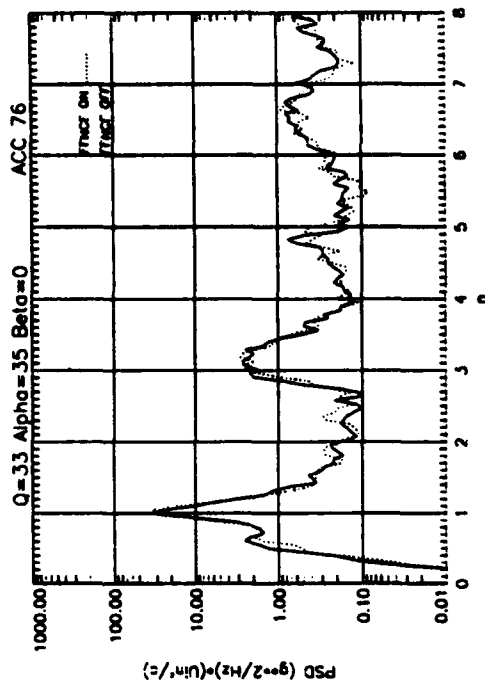


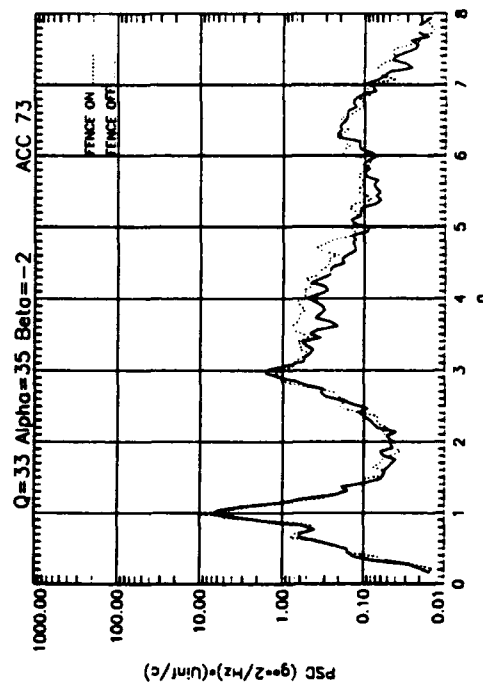
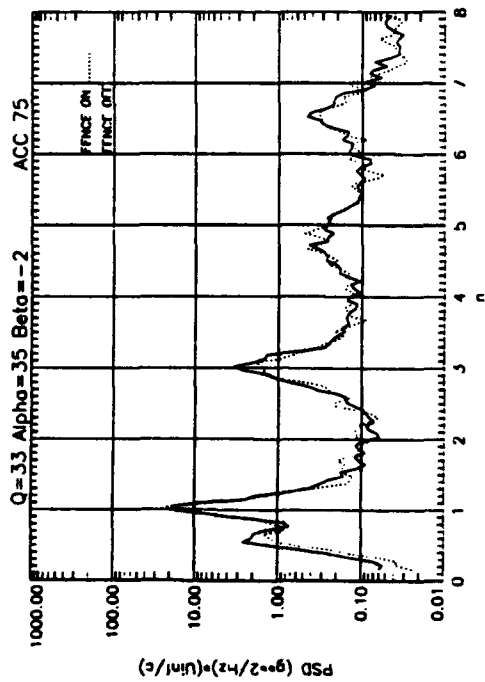
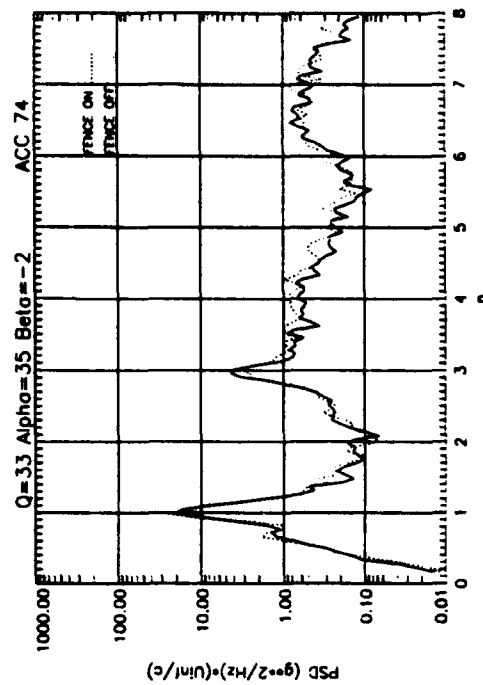
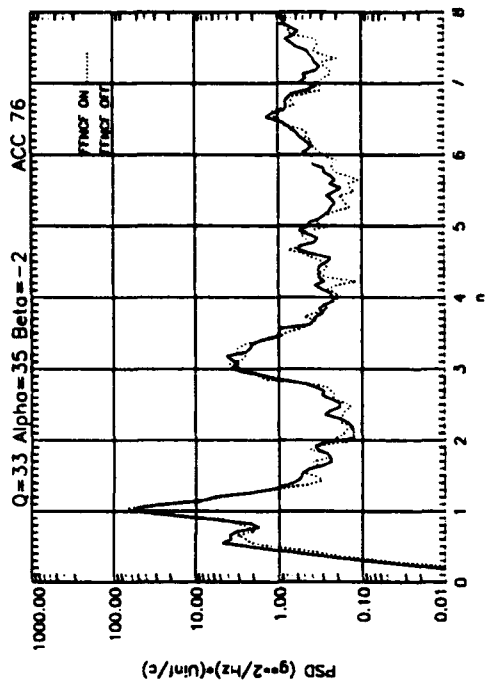


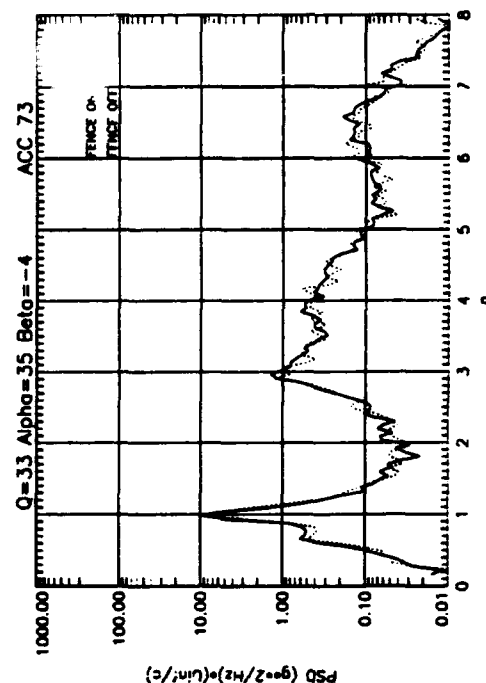
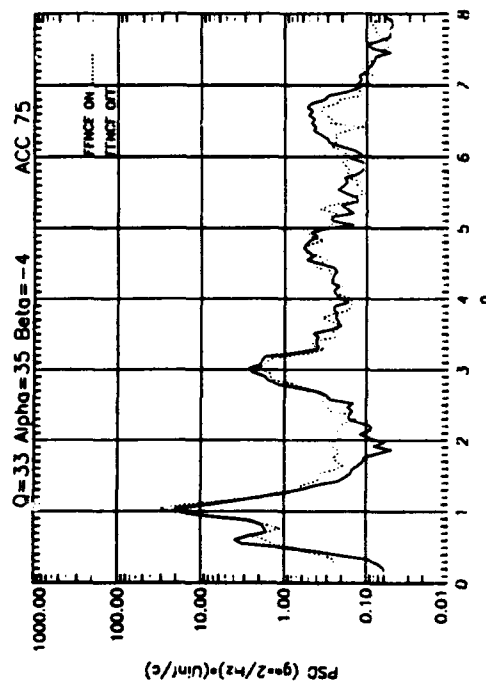
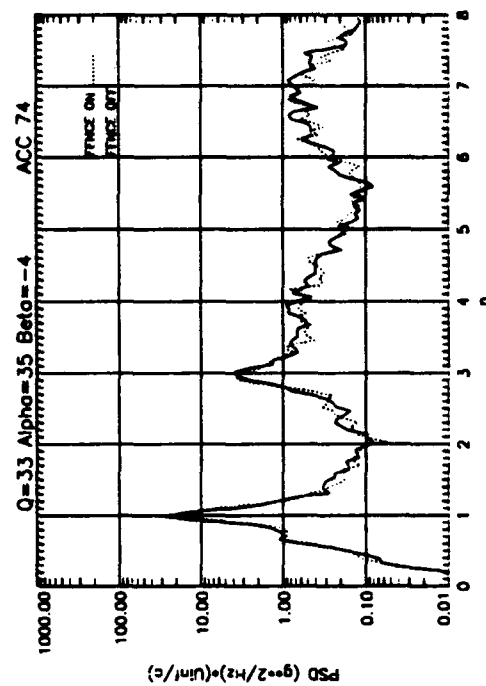
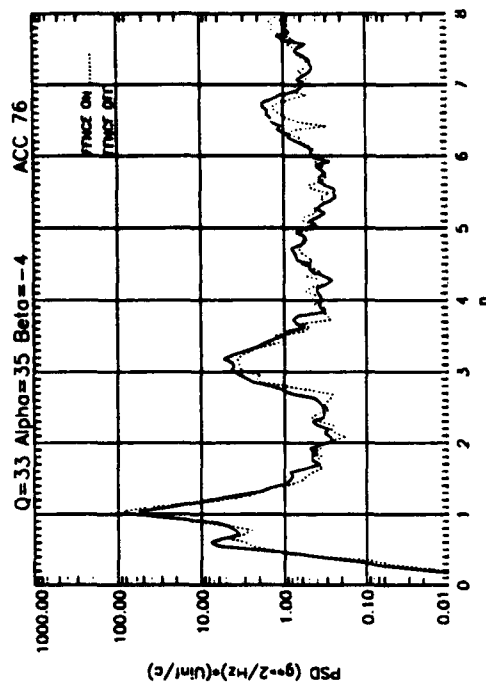


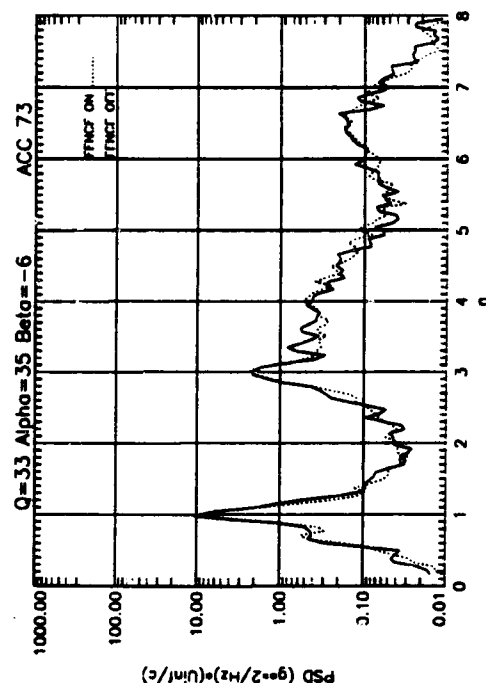
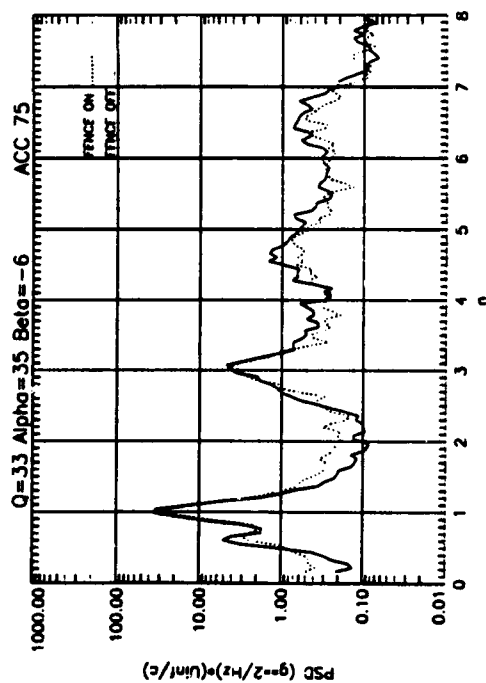
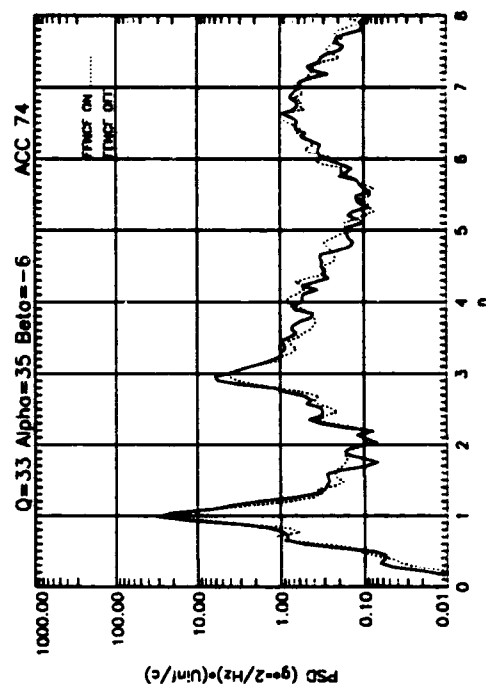
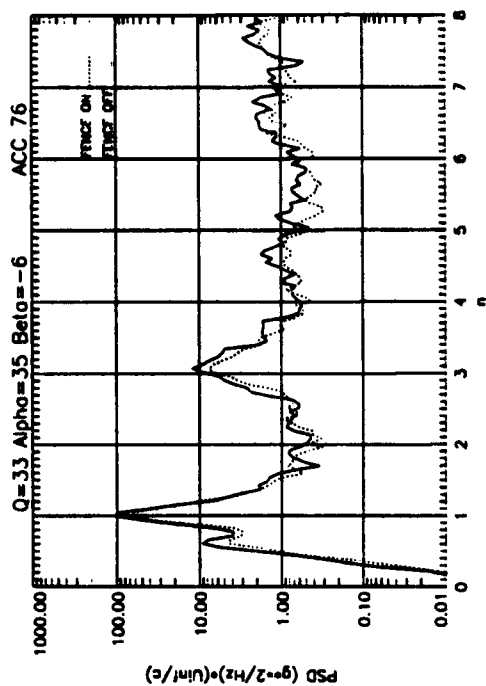


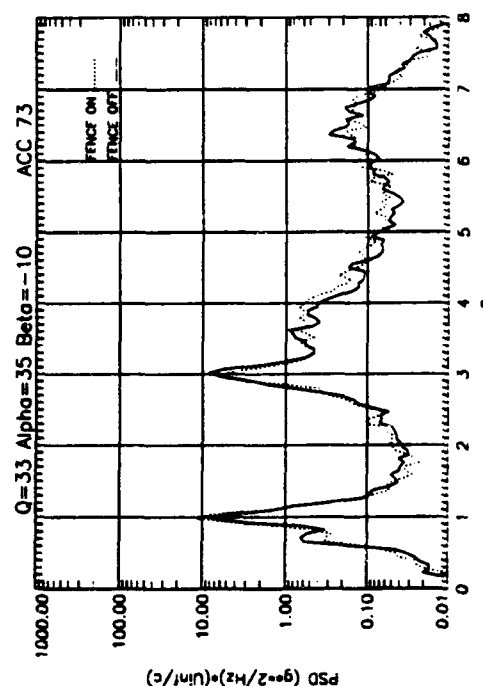
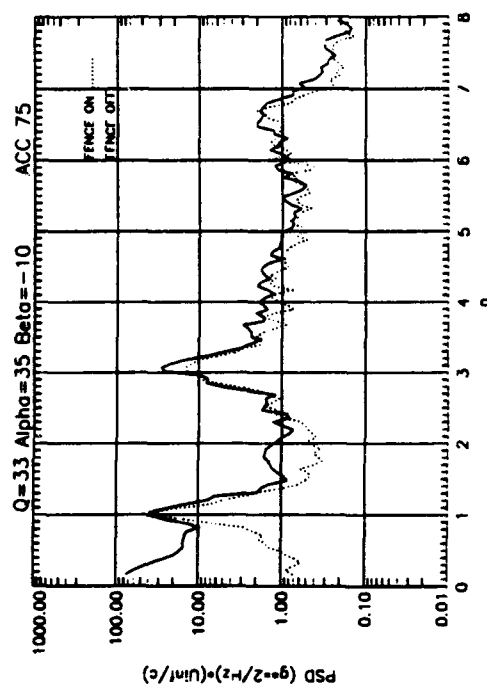
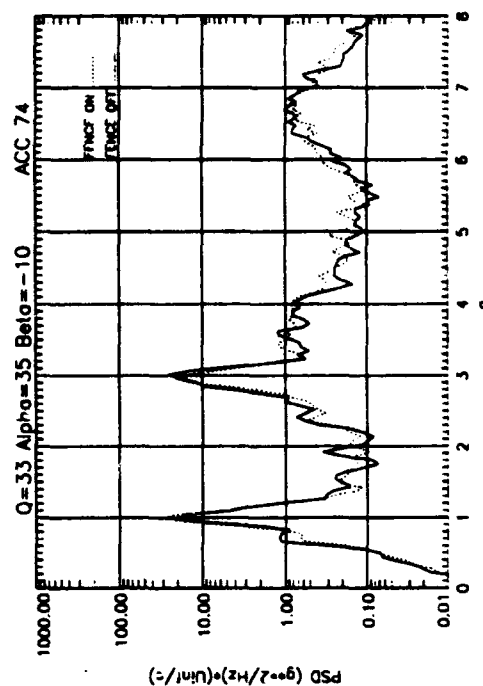
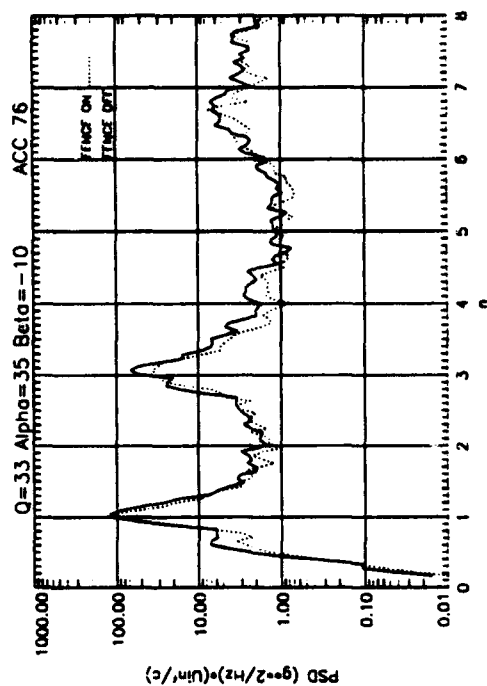


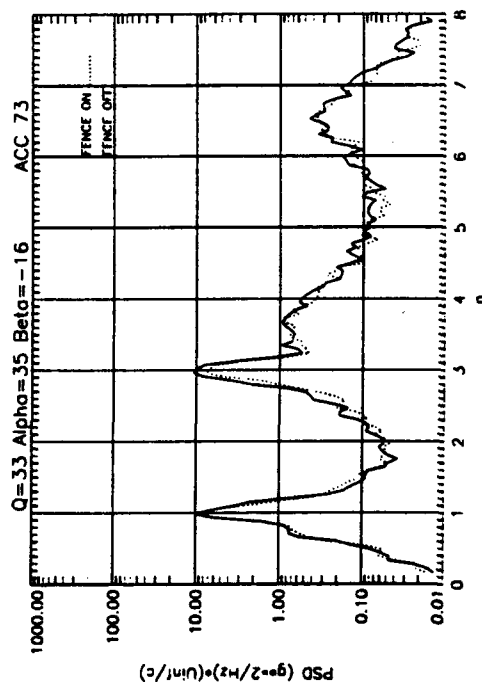
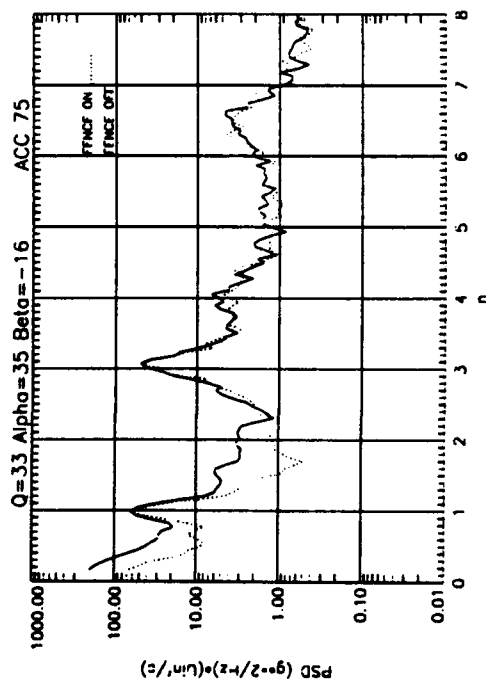
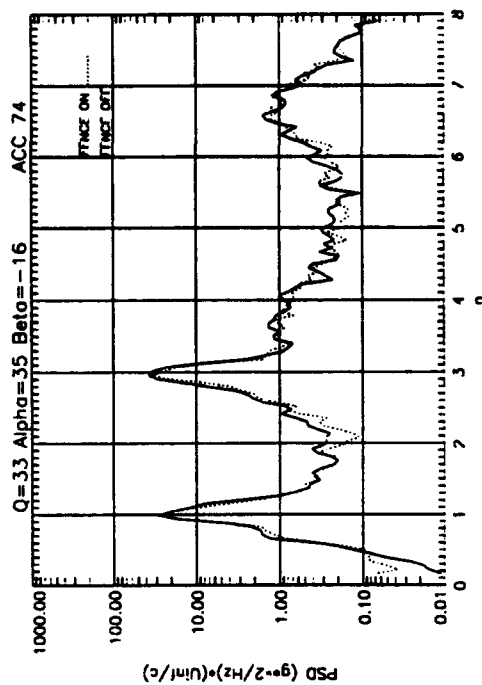
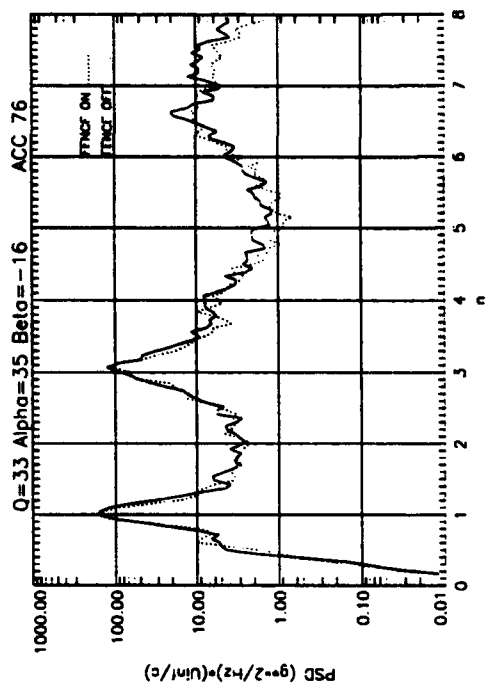
















**Pressure Coefficient Differential  
Power Spectral Densities**

(In dimensional form)

Pressure Transducer Stations 1-36

Angle of Attack = 35 degrees

Test Variable - Aircraft Sideslip Angle

Sideslip Angle = -16, -10, -6, 4, -2, 0, 2, 4, 6, 10, 16 degrees

Test Variable - Dynamic Pressure

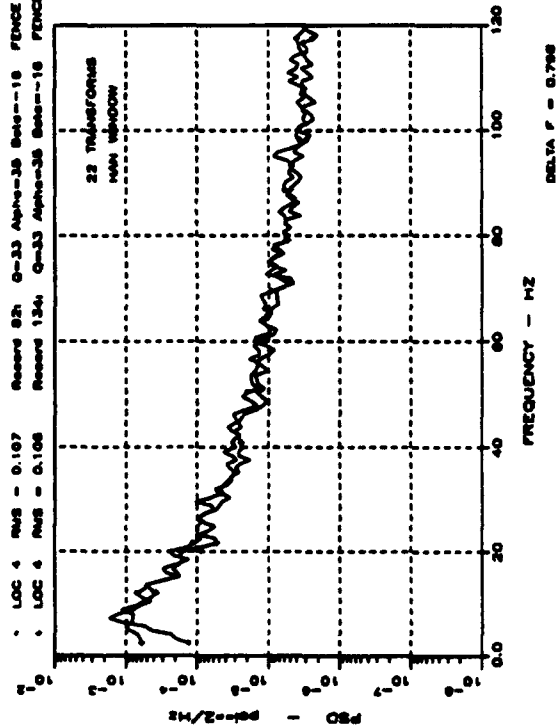
$q = 20 \text{ psf}, 33 \text{ psf}$

LEX Fence Off and LEX Fence On



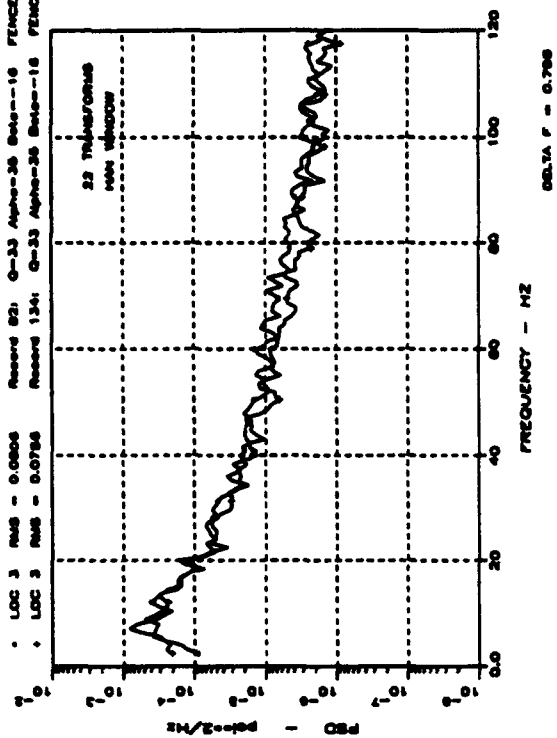
# F-16 Tail Buffet Test

LOC 4 RMS = 0.107 Record 82: Q-33 Alpha-36 Beta-16 FENCE OFF  
LOC 4 RMS = 0.106 Record 134: Q-33 Alpha-36 Beta-16 FENCE ON



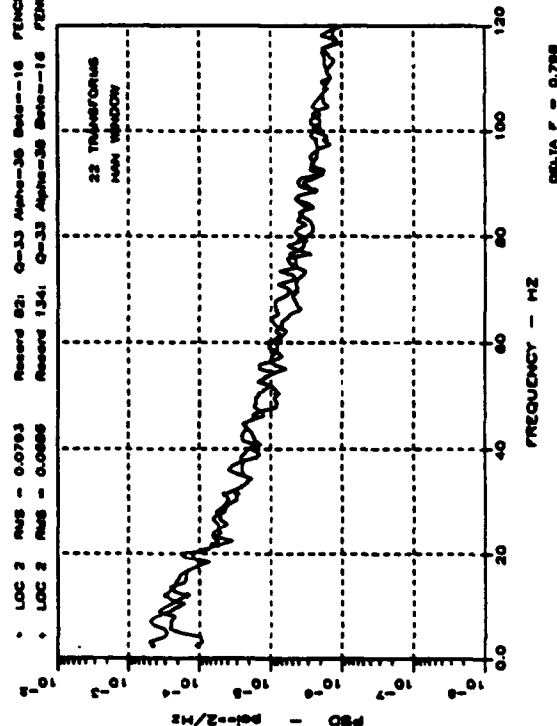
# F-16 Tail Buffet Test

LOC 3 RMS = 0.0806 Record 82: Q-33 Alpha-36 Beta-16 FENCE OFF  
LOC 3 RMS = 0.0796 Record 134: Q-33 Alpha-36 Beta-16 FENCE ON



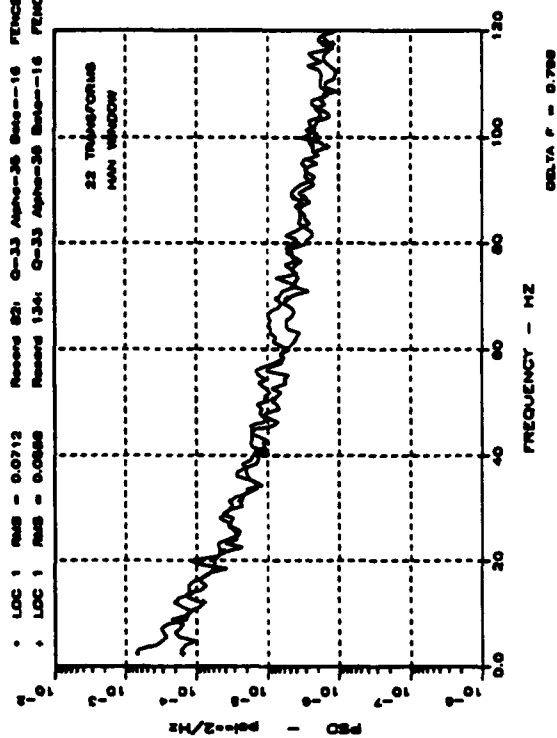
# F-16 Tail Buffet Test

LOC 2 RMS = 0.0793 Record 82: Q-33 Alpha-36 Beta-16 FENCE OFF  
LOC 2 RMS = 0.0806 Record 134: Q-33 Alpha-36 Beta-16 FENCE ON



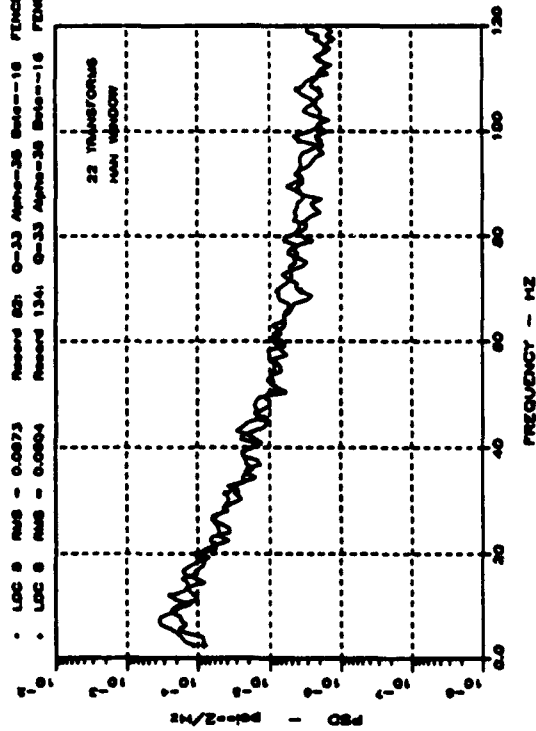
# F-16 Tail Buffet Test

LOC 1 RMS = 0.0712 Record 82: Q-33 Alpha-36 Beta-16 FENCE OFF  
LOC 1 RMS = 0.0866 Record 134: Q-33 Alpha-36 Beta-16 FENCE ON



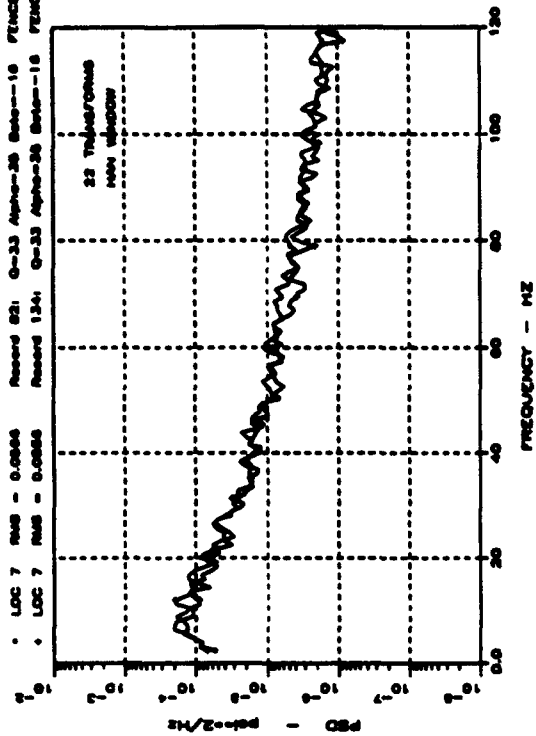
# F-16 Tail Buffet Test

LOC 8 RMS = 0.0873 Record 821 Q-33 Alpha-35 Beta-16 FENCE OFF  
LOC 8 RMS = 0.0804 Record 1341 Q-33 Alpha-35 Beta-16 FENCE ON



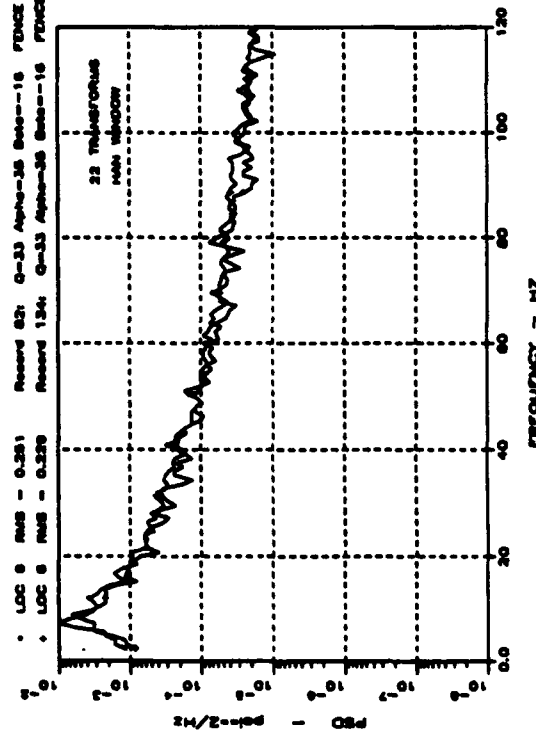
# F-16 Tail Buffet Test

LOC 7 RMS = 0.0866 Record 821 Q-33 Alpha-35 Beta-16 FENCE OFF  
LOC 7 RMS = 0.0866 Record 1341 Q-33 Alpha-35 Beta-16 FENCE ON



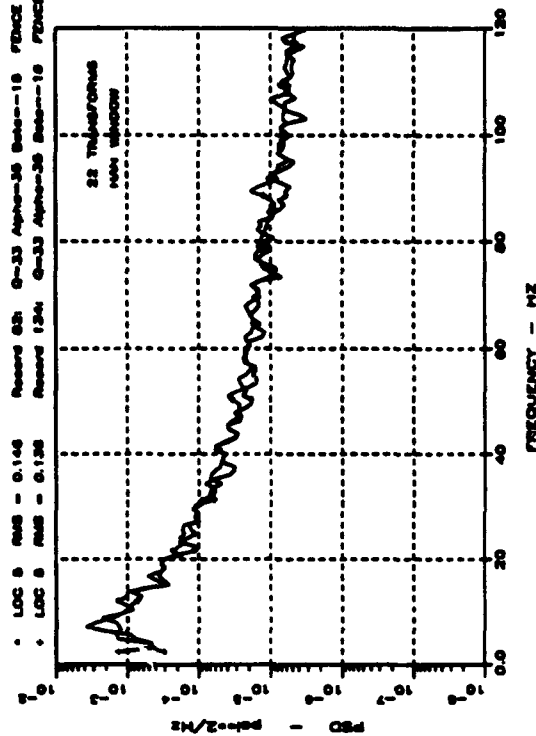
# F-16 Tail Buffet Test

LOC 8 RMS = 0.251 Record 821 Q-33 Alpha-35 Beta-16 FENCE OFF  
LOC 8 RMS = 0.329 Record 1341 Q-33 Alpha-35 Beta-16 FENCE ON



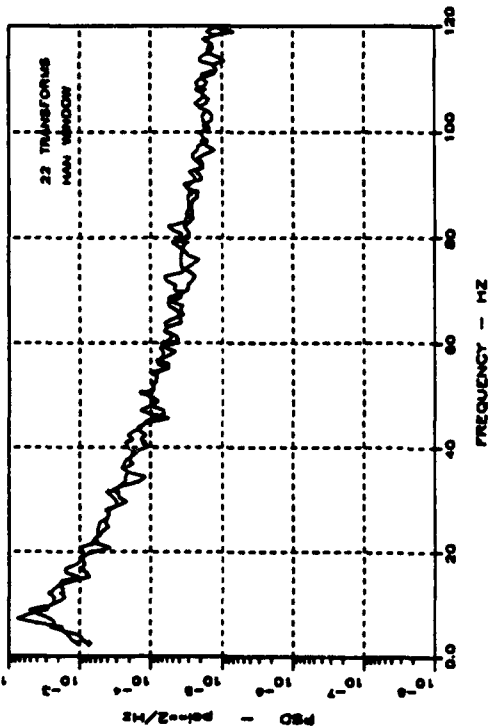
# F-16 Tail Buffet Test

LOC 8 RMS = 0.146 Record 821 Q-33 Alpha-35 Beta-16 FENCE OFF  
LOC 8 RMS = 0.126 Record 1341 Q-33 Alpha-35 Beta-16 FENCE ON



# F-16 Tail Buffet Test

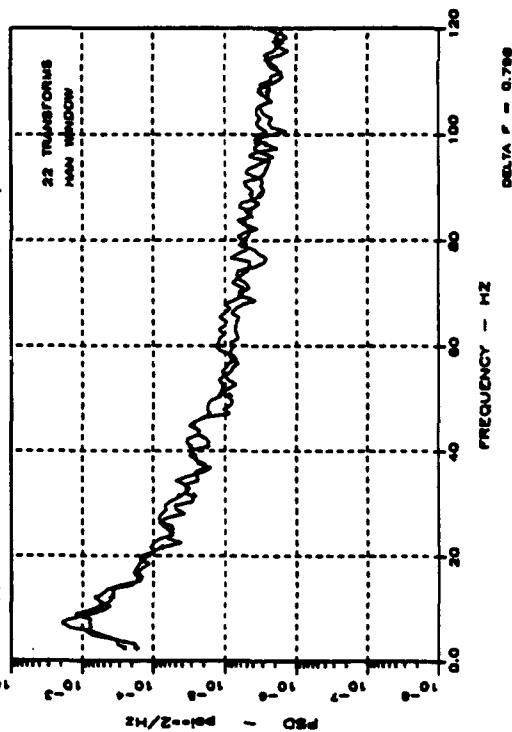
• LOC 12 RMS = 0.226 Record 821: Q-33 Alpha-35 Beta-16 FENCE OFF  
 • LOC 12 RMS = 0.207 Record 1341: Q-33 Alpha-35 Beta-16 FENCE ON



DELTA P = 0.798

# F-16 Tail Buffet Test

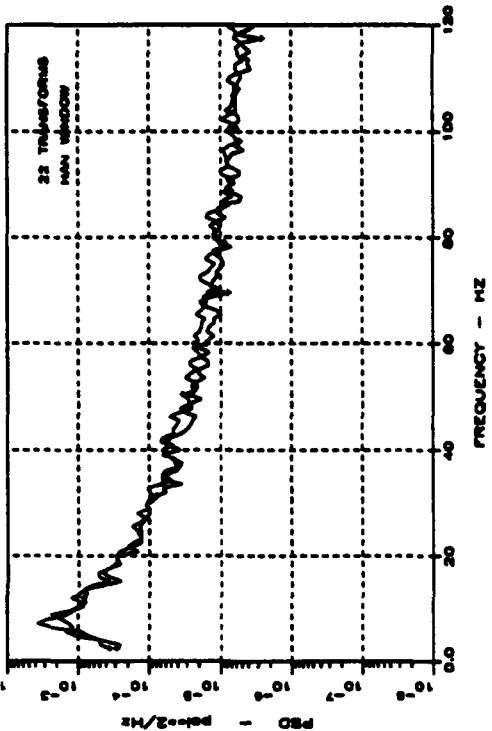
• LOC 10 RMS = 0.107 Record 821: Q-33 Alpha-35 Beta-16 FENCE OFF  
 • LOC 10 RMS = 0.0971 Record 1341: Q-33 Alpha-35 Beta-16 FENCE ON



DELTA P = 0.798

# F-16 Tail Buffet Test

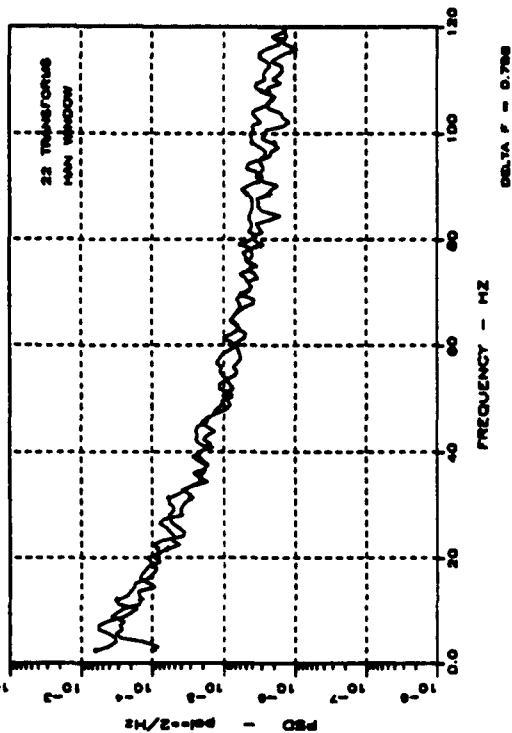
• LOC 11 RMS = 0.145 Record 821: Q-33 Alpha-35 Beta-16 FENCE OFF  
 • LOC 11 RMS = 0.133 Record 1341: Q-33 Alpha-35 Beta-16 FENCE ON



DELTA P = 0.798

# F-16 Tail Buffet Test

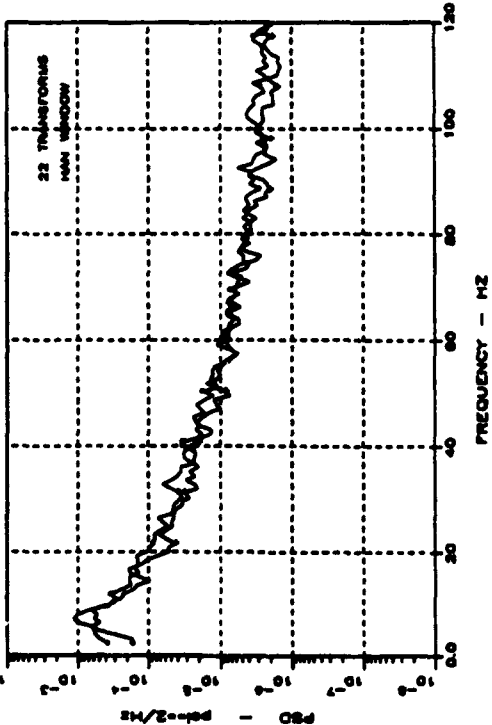
• LOC 9 RMS = 0.0904 Record 821: Q-33 Alpha-35 Beta-16 FENCE OFF  
 • LOC 9 RMS = 0.0874 Record 1341: Q-33 Alpha-35 Beta-16 FENCE ON



DELTA P = 0.798

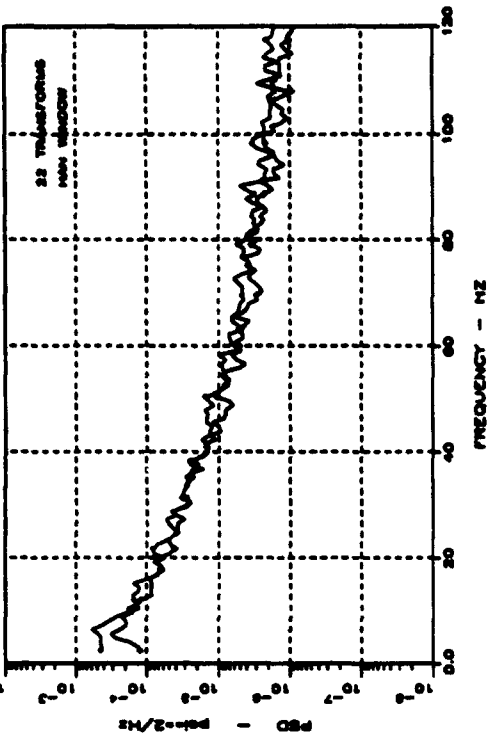
F-16 Tail Buffet Test

LOC 16 RMS = 0.0066 Record 82: Q-33 Alpha-36 Beta-16 FENCE OFF  
LOC 16 RMS = 0.0796 Record 134: Q-33 Alpha-36 Beta-16 FENCE ON



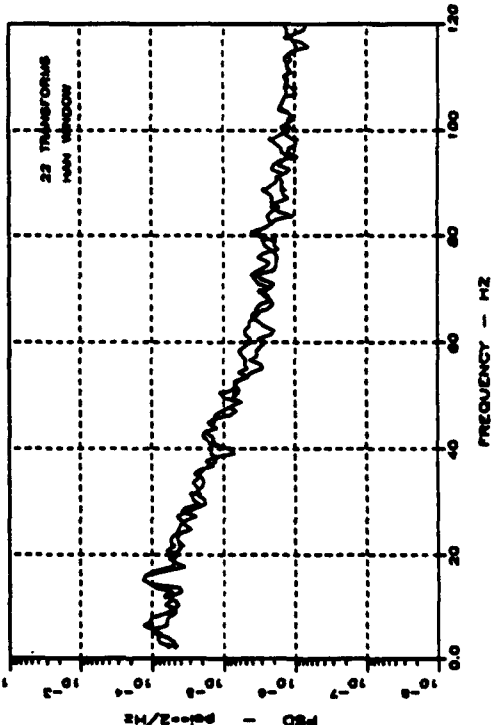
F-16 Tail Buffet Test

LOC 16 RMS = 0.0746 Record 82: Q-33 Alpha-36 Beta-16 FENCE OFF  
LOC 16 RMS = 0.0803 Record 134: Q-33 Alpha-36 Beta-16 FENCE ON



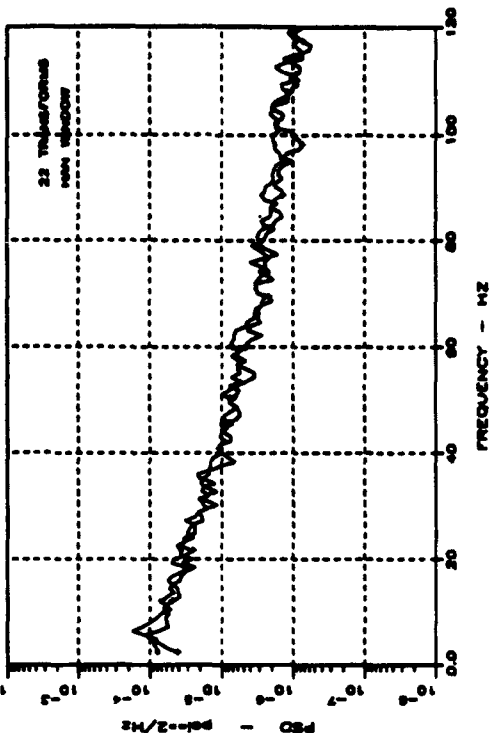
F-16 Tail Buffet Test

LOC 14 RMS = 0.0466 Record 82: Q-33 Alpha-36 Beta-16 FENCE OFF  
LOC 14 RMS = 0.0446 Record 134: Q-33 Alpha-36 Beta-16 FENCE ON



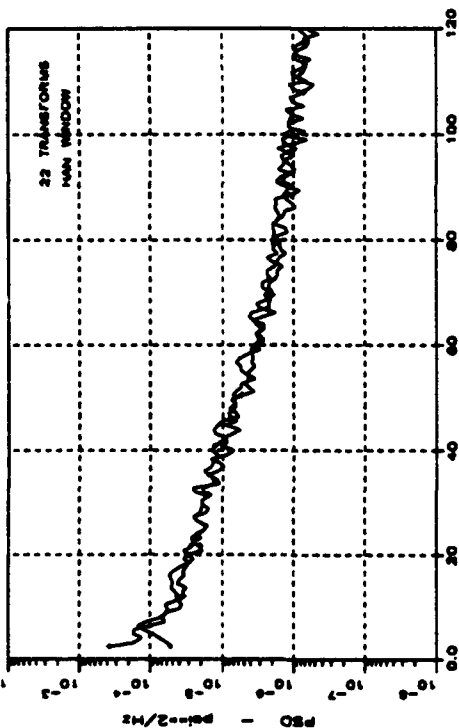
F-16 Tail Buffet Test

LOC 13 RMS = 0.0444 Record 82: Q-33 Alpha-36 Beta-16 FENCE OFF  
LOC 13 RMS = 0.0414 Record 134: Q-33 Alpha-36 Beta-16 FENCE ON



F-16 Tail Buffet Test

• LOC 20 RMS = 0.0422 Record 82: Q-33 Alpha-35 Beta--16 FENCE OFF  
• LOC 20 RMS = 0.0407 Record 134: Q-33 Alpha-35 Beta--16 FENCE ON

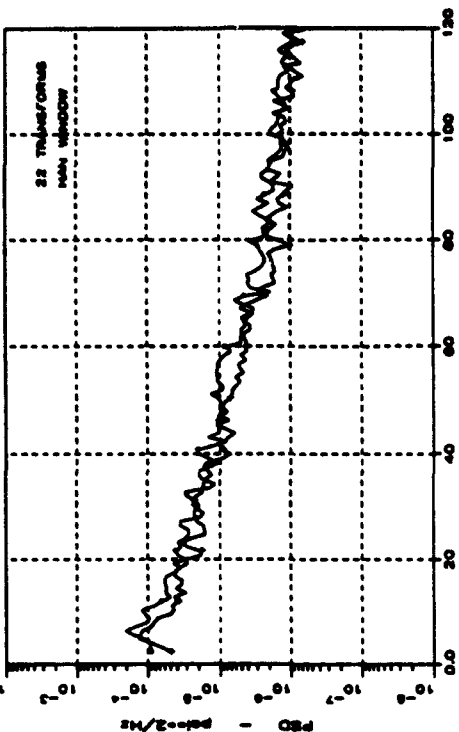


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 19 RMS = 0.0483 Record 82: Q-33 Alpha-35 Beta--16 FENCE OFF  
• LOC 19 RMS = 0.0416 Record 134: Q-33 Alpha-35 Beta--16 FENCE ON

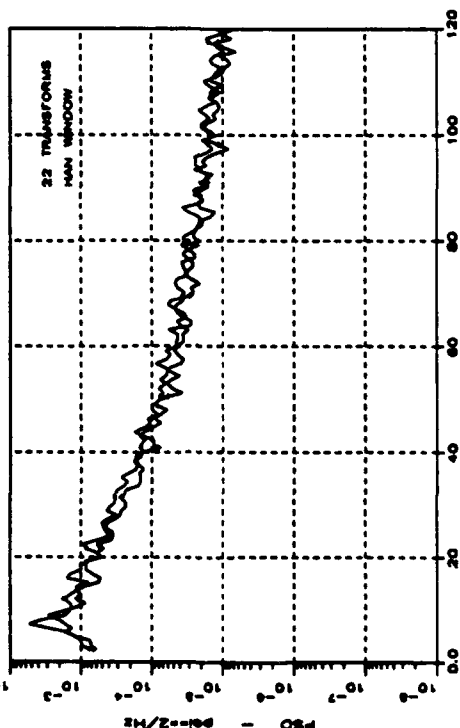


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 18 RMS = 0.108 Record 82: Q-33 Alpha-35 Beta--16 FENCE OFF  
• LOC 18 RMS = 0.171 Record 134: Q-33 Alpha-35 Beta--16 FENCE ON

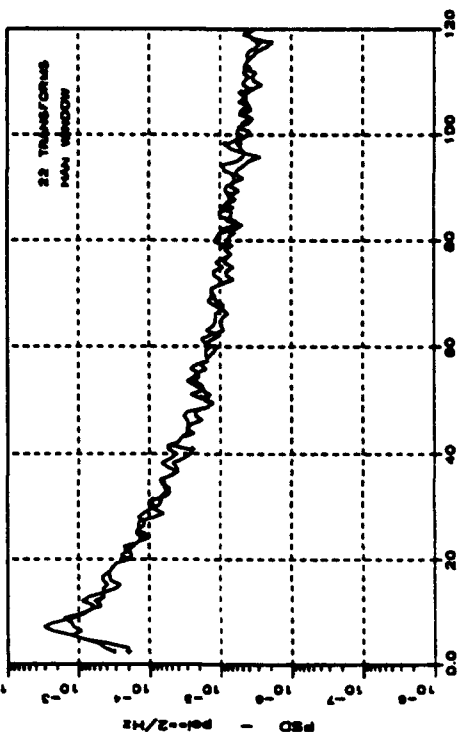


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 17 RMS = 0.136 Record 82: Q-33 Alpha-35 Beta--16 FENCE OFF  
• LOC 17 RMS = 0.118 Record 134: Q-33 Alpha-35 Beta--16 FENCE ON

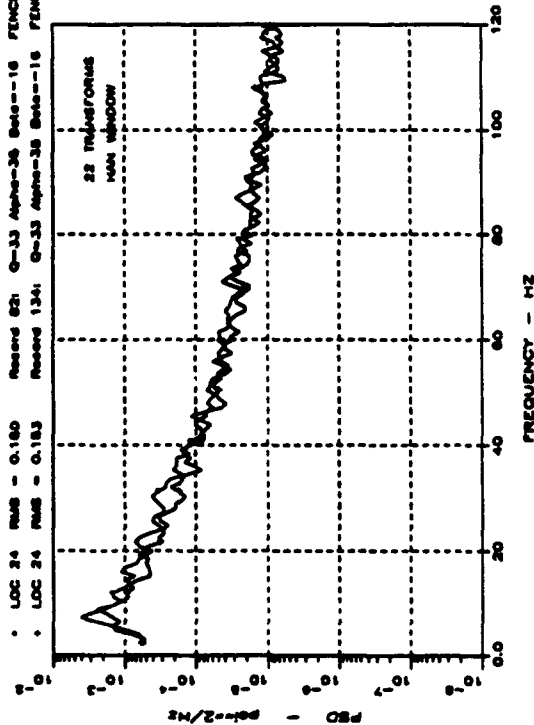


FREQUENCY - HZ

DELTA F = 0.798

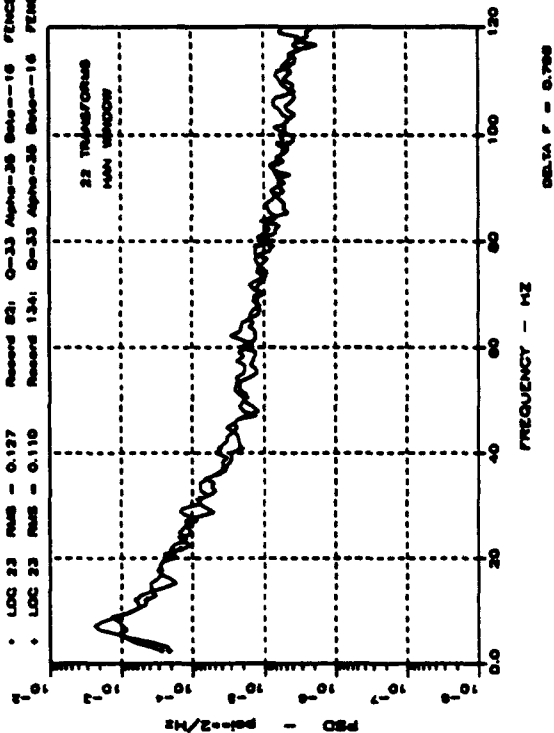
F-16 Tail Buffet Test

• LOC 24 RMS = 0.160 Record 82: Q-33 Alpha-36 Beta-16 FENCE OFF  
• LOC 24 RMS = 0.163 Record 134: Q-33 Alpha-36 Beta-16 FENCE ON



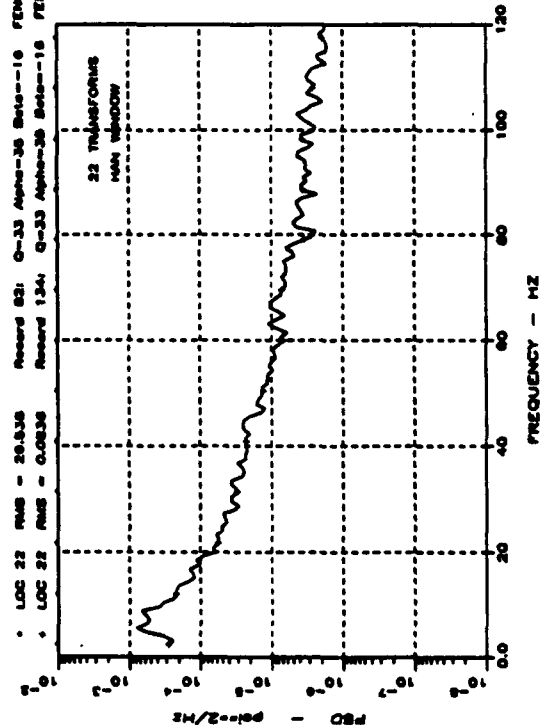
F-16 Tail Buffet Test

• LOC 23 RMS = 0.127 Record 82: Q-33 Alpha-36 Beta-16 FENCE OFF  
• LOC 23 RMS = 0.110 Record 134: Q-33 Alpha-36 Beta-16 FENCE ON



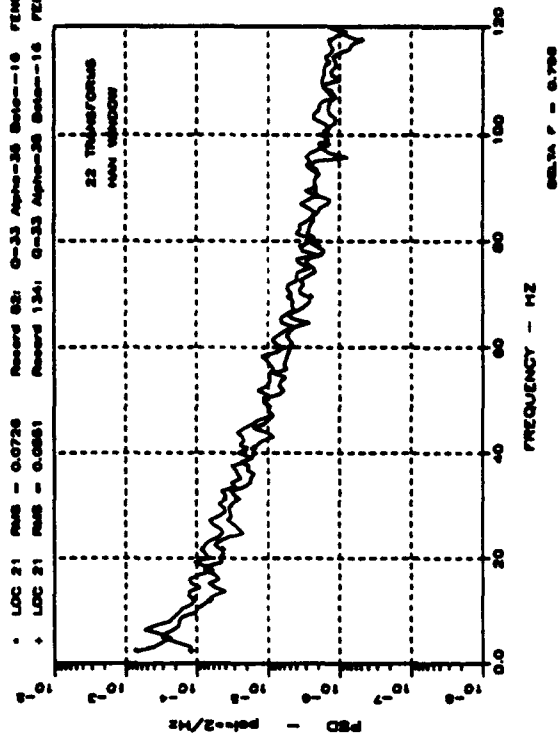
F-16 Tail Buffet Test

• LOC 22 RMS = 20.336 Record 82: Q-33 Alpha-36 Beta-16 FENCE OFF  
• LOC 22 RMS = 0.0336 Record 134: Q-33 Alpha-36 Beta-16 FENCE ON



F-16 Tail Buffet Test

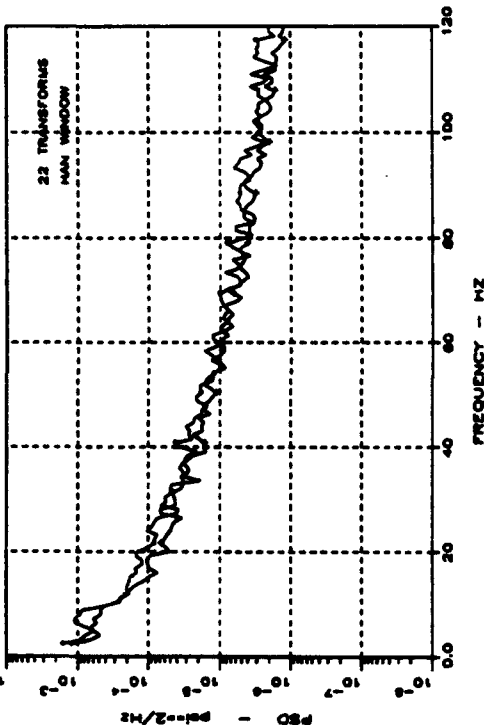
• LOC 21 RMS = 0.0726 Record 82: Q-33 Alpha-36 Beta-16 FENCE OFF  
• LOC 21 RMS = 0.0861 Record 134: Q-33 Alpha-36 Beta-16 FENCE ON





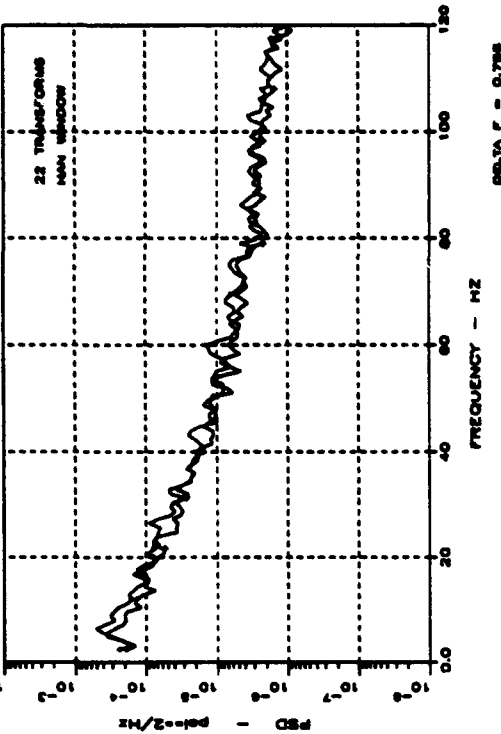
F-16 Tail Buffet Test

LOC 26 RMS = 0.104 Record 82: Q-33 Alpha-35 Beta-16 FENCE OFF  
LOC 26 RMS = 0.0878 Record 134: Q-33 Alpha-35 Beta-16 FENCE ON



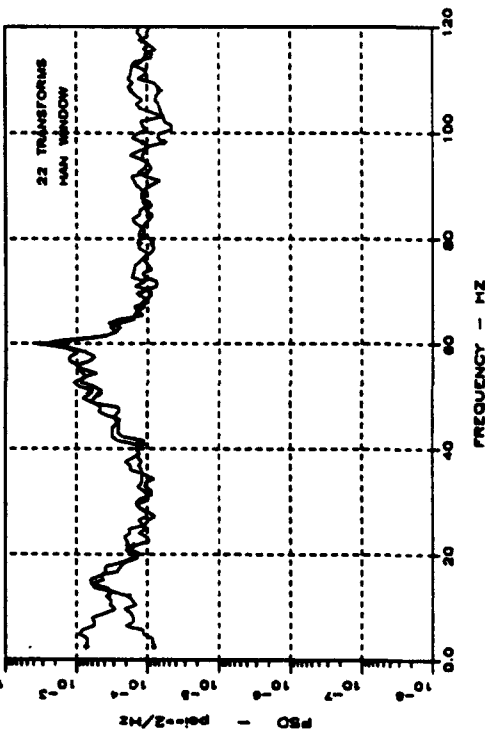
F-16 Tail Buffet Test

LOC 27 RMS = 0.0723 Record 82: Q-33 Alpha-35 Beta-16 FENCE OFF  
LOC 27 RMS = 0.0846 Record 134: Q-33 Alpha-35 Beta-16 FENCE ON



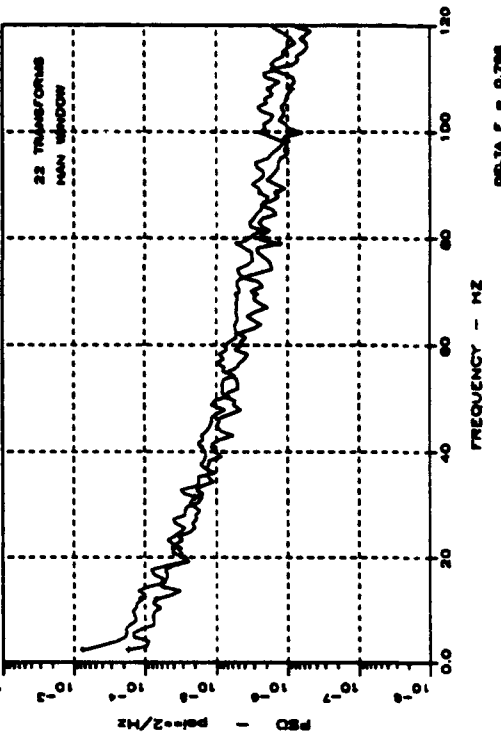
F-16 Tail Buffet Test

LOC 26 RMS = 0.180 Record 82: Q-33 Alpha-35 Beta-16 FENCE OFF  
LOC 26 RMS = 0.174 Record 134: Q-33 Alpha-35 Beta-16 FENCE ON



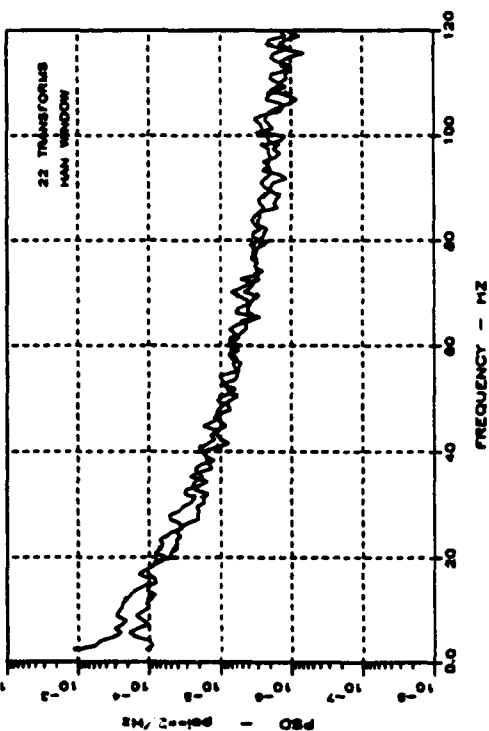
F-16 Tail Buffet Test

LOC 26 RMS = 0.0816 Record 82: Q-33 Alpha-35 Beta-16 FENCE OFF  
LOC 26 RMS = 0.0446 Record 134: Q-33 Alpha-35 Beta-16 FENCE ON



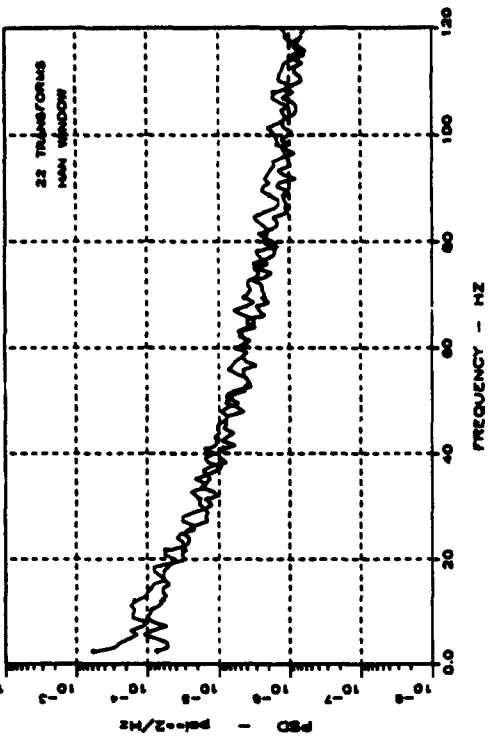
F-16 Tail Buffet Test

• LOC 32 RMS = 0.0760 Record 82: Q-33 Alpha-35 Beta=-16 FENCE OFF  
• LOC 32 RMS = 0.0833 Record 134: Q-33 Alpha-35 Beta=-16 FENCE ON



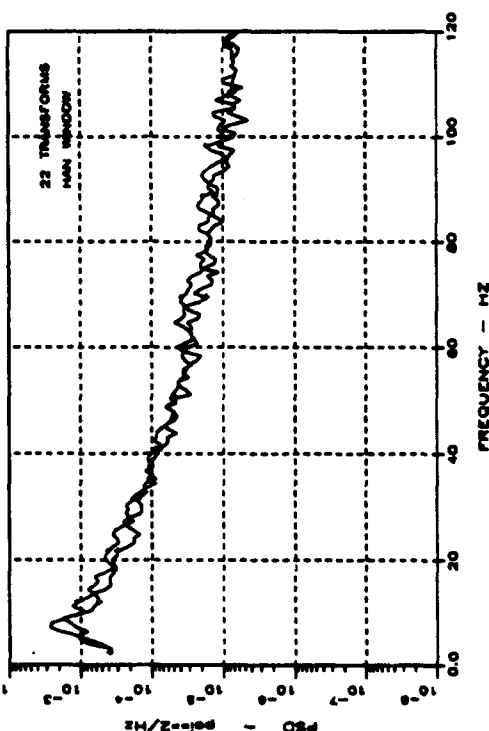
F-16 Tail Buffet Test

• LOC 31 RMS = 0.0886 Record 82: Q-33 Alpha-35 Beta=-16 FENCE OFF  
• LOC 31 RMS = 0.0428 Record 134: Q-33 Alpha-35 Beta=-16 FENCE ON



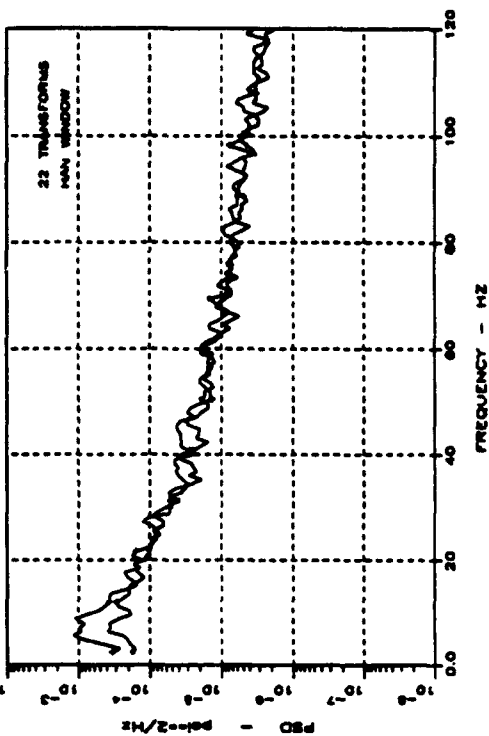
F-16 Tail Buffet Test

• LOC 30 RMS = 0.186 Record 82: Q-33 Alpha-35 Beta=-16 FENCE OFF  
• LOC 30 RMS = 0.132 Record 134: Q-33 Alpha-35 Beta=-16 FENCE ON



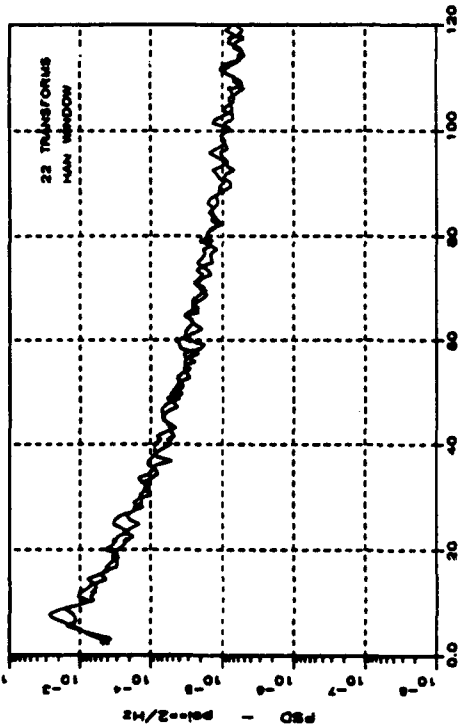
F-16 Tail Buffet Test

• LOC 29 RMS = 0.0787 Record 82: Q-33 Alpha-35 Beta=-16 FENCE OFF  
• LOC 29 RMS = 0.108 Record 134: Q-33 Alpha-35 Beta=-16 FENCE ON



F-16 Tail Buffet Test

• LOC 36 RUS = 0.148 Record 82: Q-33 Alpha-35 Beta-16 FENCE OFF  
• LOC 36 RUS = 0.133 Record 134: Q-33 Alpha-35 Beta-16 FENCE ON

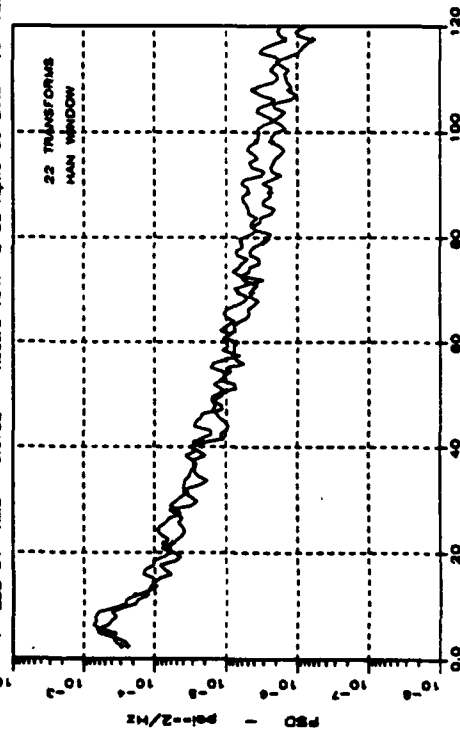


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 34 RUS = 0.0834 Record 82: Q-33 Alpha-35 Beta-16 FENCE OFF  
• LOC 34 RUS = 0.0732 Record 134: Q-33 Alpha-35 Beta-16 FENCE ON

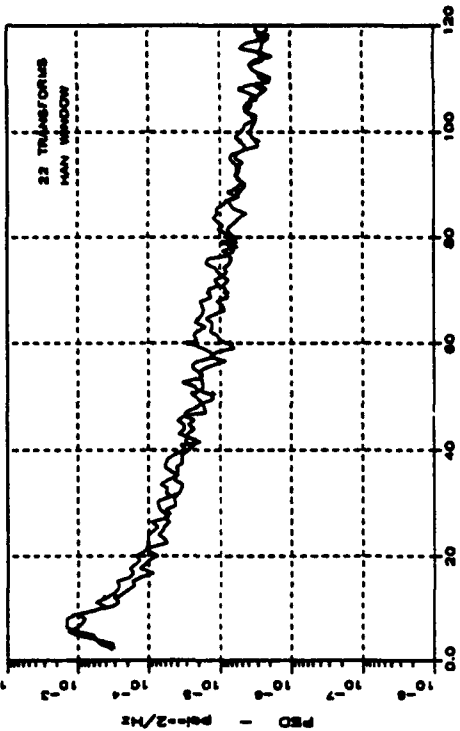


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 36 RUS = 0.111 Record 82: Q-33 Alpha-35 Beta-16 FENCE OFF  
• LOC 36 RUS = 0.099 Record 134: Q-33 Alpha-35 Beta-16 FENCE ON

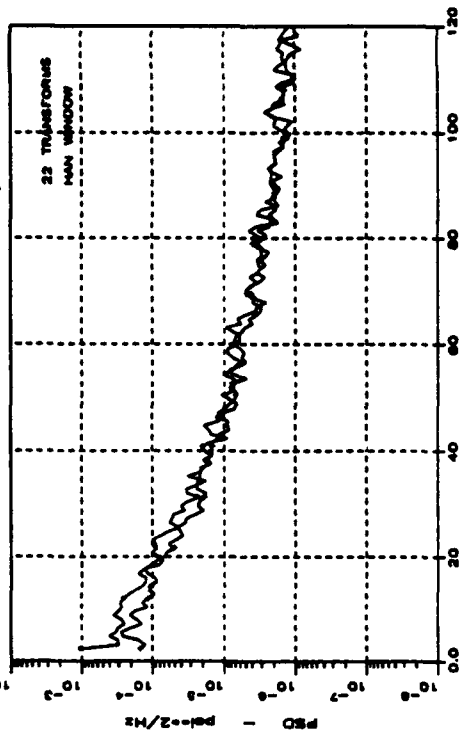


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 33 RUS = 0.0777 Record 82: Q-33 Alpha-35 Beta-16 FENCE OFF  
• LOC 33 RUS = 0.0894 Record 134: Q-33 Alpha-35 Beta-16 FENCE ON



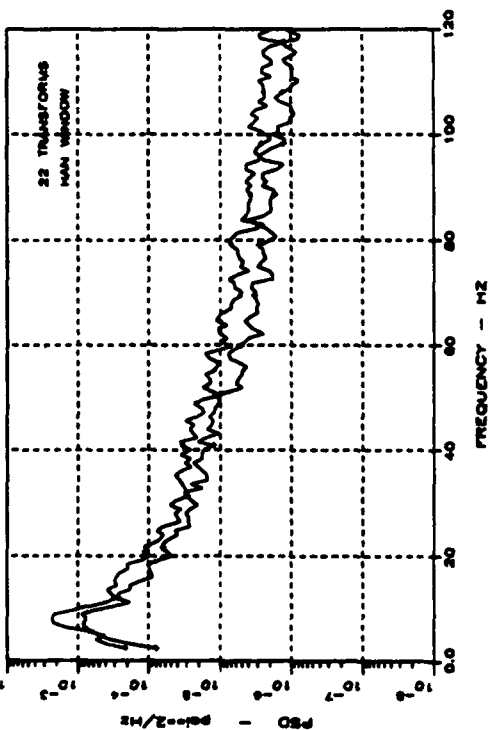
FREQUENCY - HZ

DELTA F = 0.798



F-18 Tail Buffet Test

• LOC 4 RMS = 0.116 Record 79: Q-33 Alpha-35 Beta=-10 FENCE OFF  
• LOC 4 RMS = 0.0836 Record 132: Q-33 Alpha-35 Beta=-10 FENCE ON

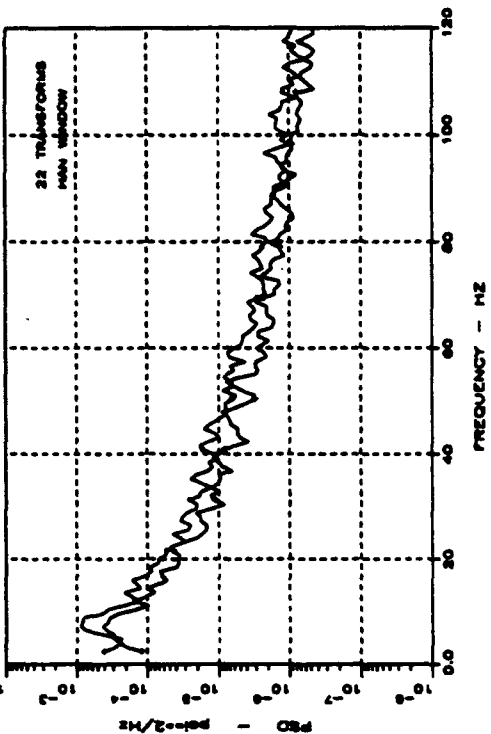


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

• LOC 3 RMS = 0.0792 Record 79: Q-33 Alpha-35 Beta=-10 FENCE OFF  
• LOC 3 RMS = 0.0836 Record 132: Q-33 Alpha-35 Beta=-10 FENCE ON

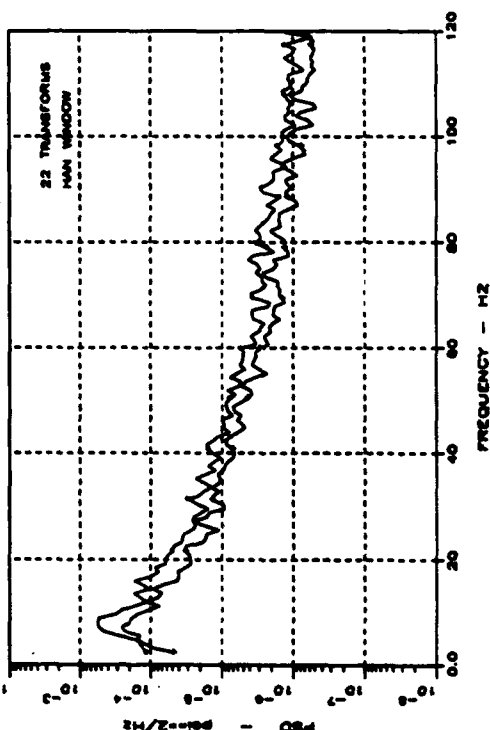


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

• LOC 2 RMS = 0.0960 Record 79: Q-33 Alpha-35 Beta=-10 FENCE OFF  
• LOC 2 RMS = 0.0492 Record 132: Q-33 Alpha-35 Beta=-10 FENCE ON

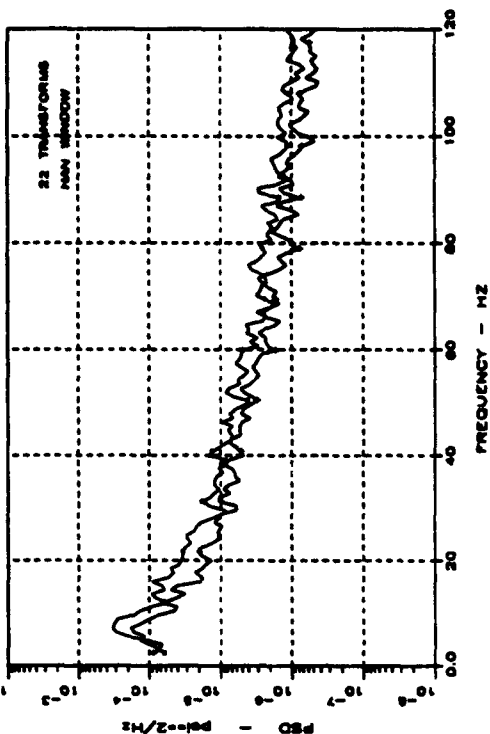


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

• LOC 1 RMS = 0.0836 Record 79: Q-33 Alpha-35 Beta=-10 FENCE OFF  
• LOC 1 RMS = 0.0406 Record 132: Q-33 Alpha-35 Beta=-10 FENCE ON

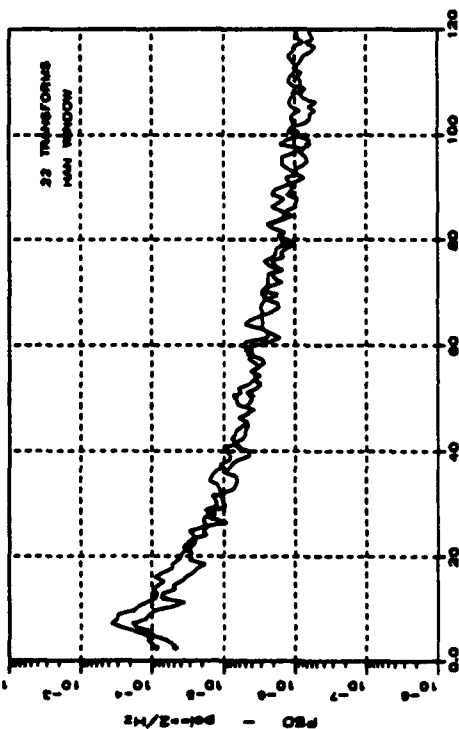


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 8 RMS = 0.0845 Record 79: Q-33 Alpha-35 Beta--10 FENCE OFF  
LOC 8 RMS = 0.0416 Record 123: Q-33 Alpha-35 Beta--10 FENCE ON

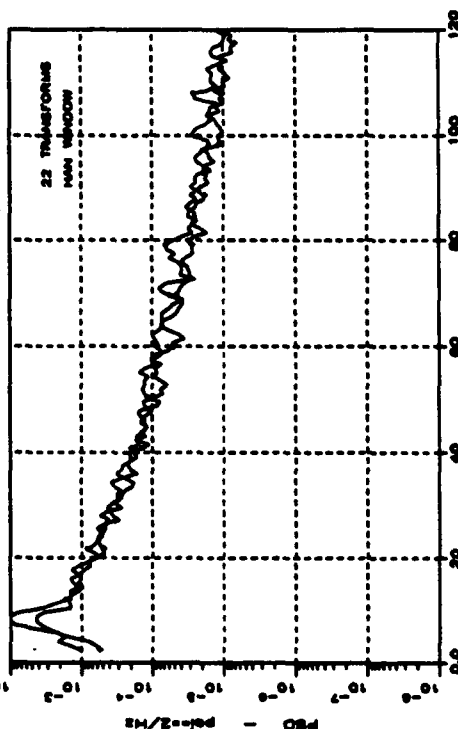


FREQUENCY - HZ

DELTA P = 0.796

# F-18 Tail Buffet Test

LOC 8 RMS = 0.299 Record 79: Q-33 Alpha-35 Beta--10 FENCE OFF  
LOC 8 RMS = 0.332 Record 123: Q-33 Alpha-35 Beta--10 FENCE ON

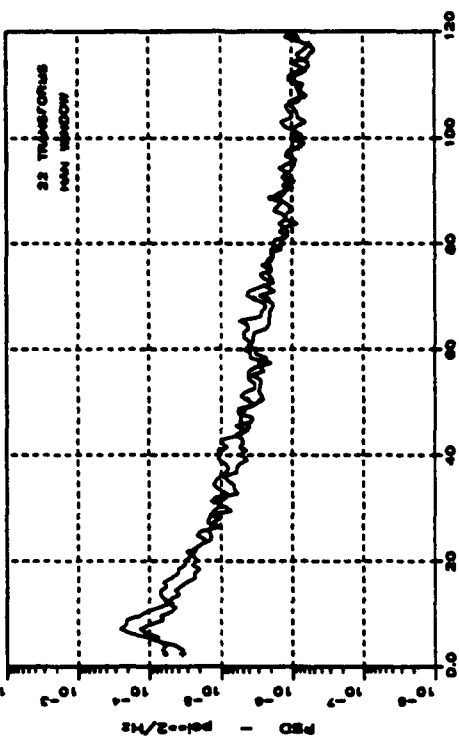


FREQUENCY - HZ

DELTA P = 0.796

# F-18 Tail Buffet Test

LOC 7 RMS = 0.0466 Record 79: Q-33 Alpha-35 Beta--10 FENCE OFF  
LOC 7 RMS = 0.0366 Record 123: Q-33 Alpha-35 Beta--10 FENCE ON

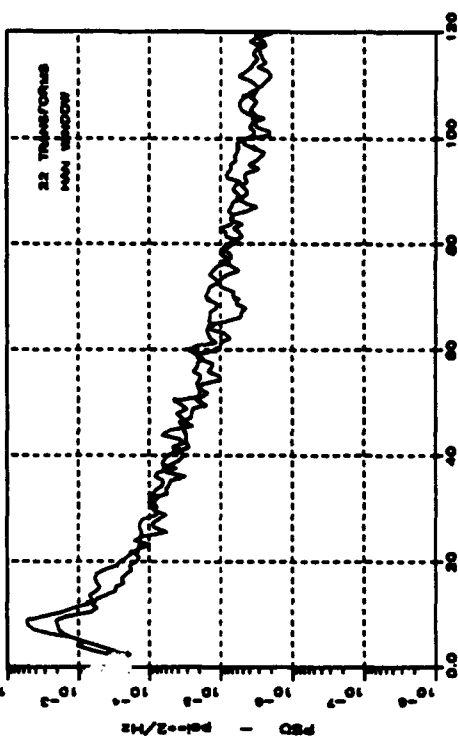


FREQUENCY - HZ

DELTA P = 0.796

# F-18 Tail Buffet Test

LOC 8 RMS = 0.172 Record 79: Q-33 Alpha-35 Beta--10 FENCE OFF  
LOC 8 RMS = 0.136 Record 123: Q-33 Alpha-35 Beta--10 FENCE ON

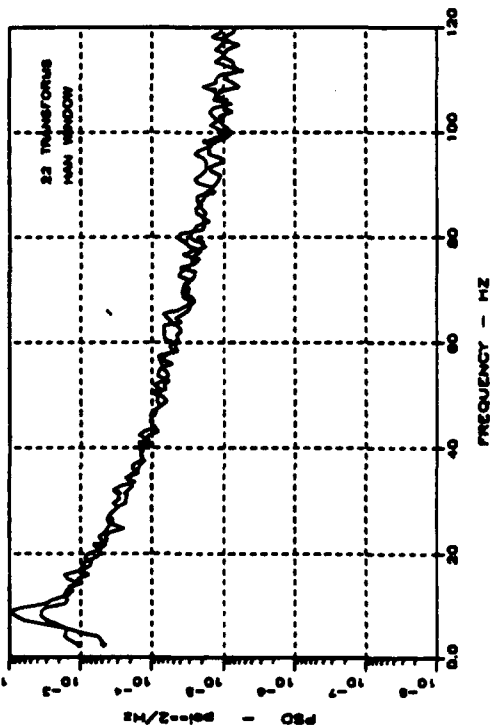


FREQUENCY - HZ

DELTA P = 0.796

# F-16 Tail Buffet Test

• LOC 12 RMS = 0.237 Record 79: Q-33 Alpha-36 Beta=-10 FENCE OFF  
 • LOC 12 RMS = 0.191 Record 135: Q-33 Alpha-36 Beta=-10 FENCE ON

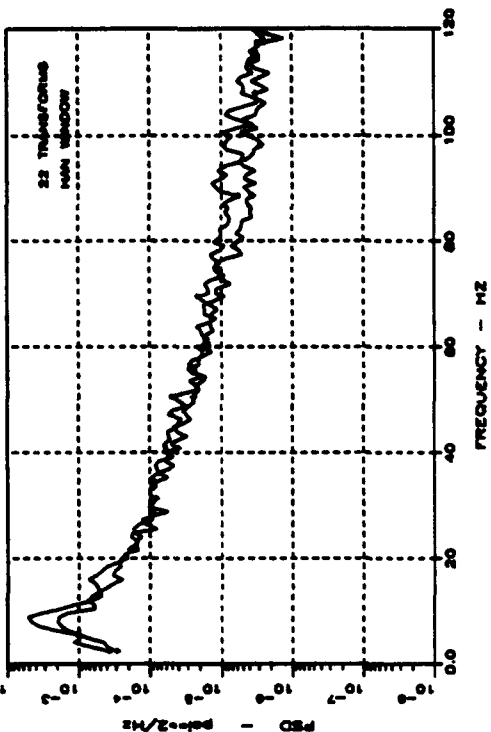


FREQUENCY - HZ

DELTA F = 0.796

# F-16 Tail Buffet Test

• LOC 11 RMS = 0.106 Record 79: Q-33 Alpha-36 Beta=-10 FENCE OFF  
 • LOC 11 RMS = 0.156 Record 135: Q-33 Alpha-36 Beta=-10 FENCE ON

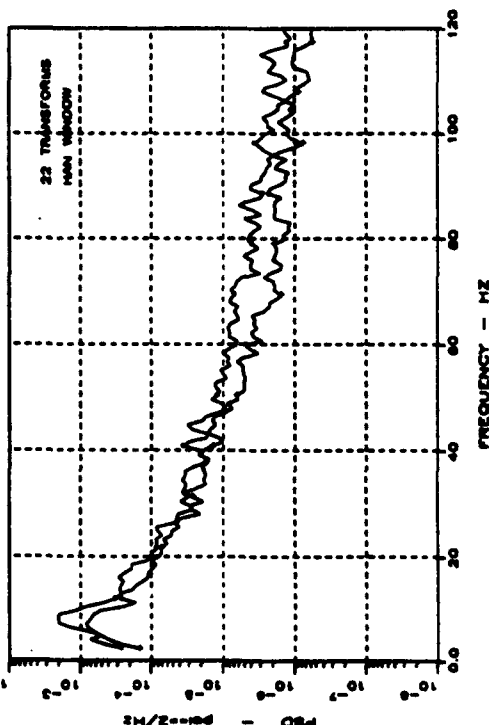


FREQUENCY - HZ

DELTA F = 0.796

# F-16 Tail Buffet Test

• LOC 10 RMS = 0.117 Record 79: Q-33 Alpha-36 Beta=-10 FENCE OFF  
 • LOC 10 RMS = 0.0836 Record 135: Q-33 Alpha-36 Beta=-10 FENCE ON

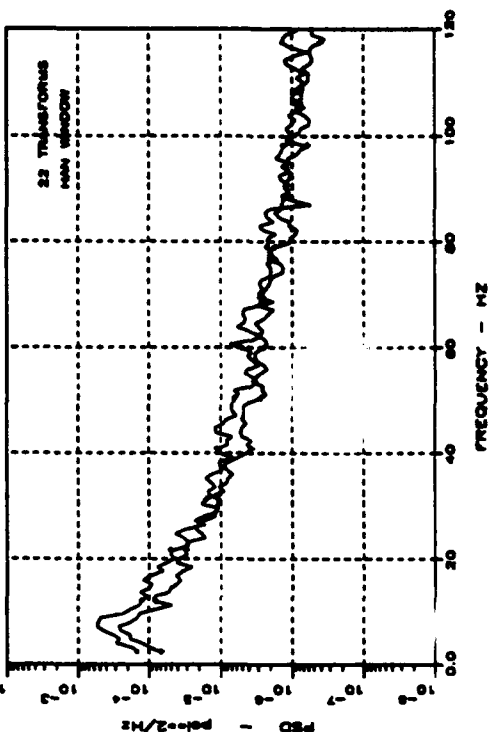


FREQUENCY - HZ

DELTA F = 0.796

# F-16 Tail Buffet Test

• LOC 9 RMS = 0.0908 Record 79: Q-33 Alpha-36 Beta=-10 FENCE OFF  
 • LOC 9 RMS = 0.0481 Record 135: Q-33 Alpha-36 Beta=-10 FENCE ON

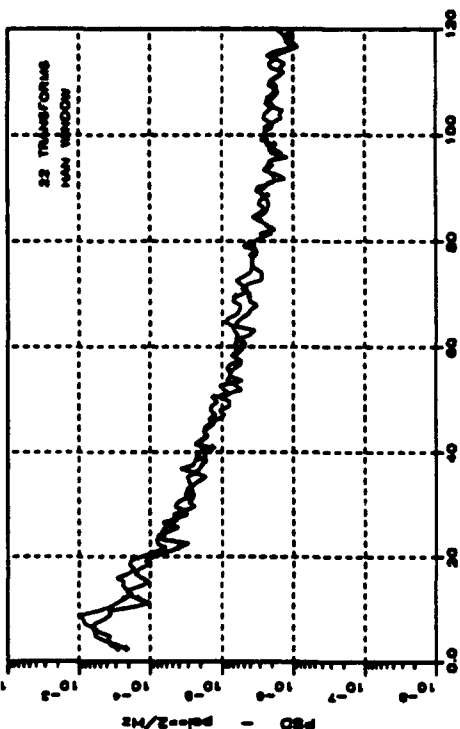


FREQUENCY - HZ

DELTA F = 0.796

# F-18 Tail Buffet Test

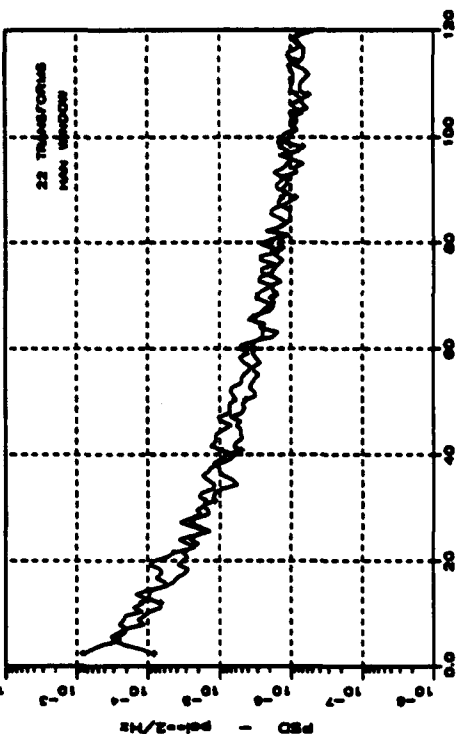
LOC 16 RMS = 0.0007 Record 79: Q-33 Alpha-35 Beta-10 FENCE OFF  
LOC 16 RMS = 0.0792 Record 132: Q-33 Alpha-35 Beta-10 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

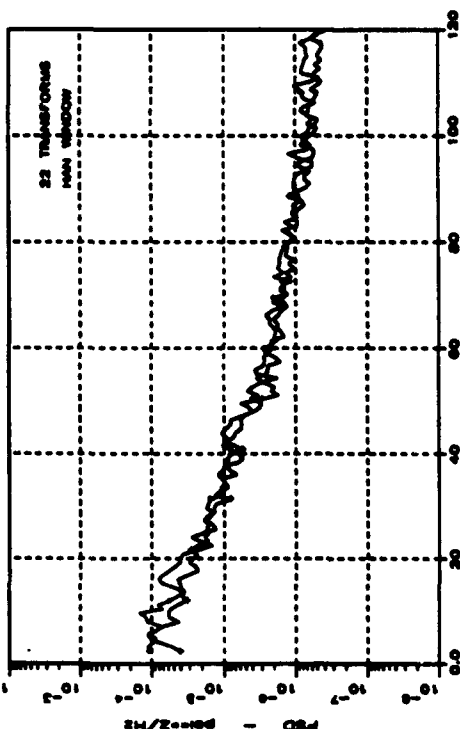
LOC 16 RMS = 0.0007 Record 79: Q-33 Alpha-35 Beta-10 FENCE OFF  
LOC 16 RMS = 0.0811 Record 132: Q-33 Alpha-35 Beta-10 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

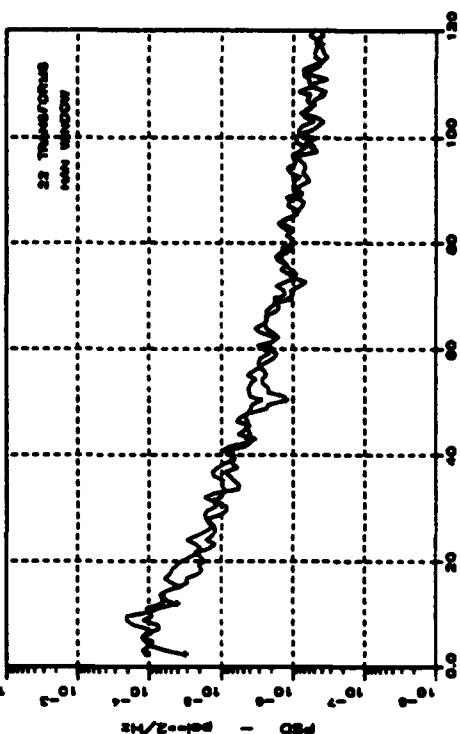
LOC 16 RMS = 0.0437 Record 79: Q-33 Alpha-35 Beta-10 FENCE OFF  
LOC 16 RMS = 0.0370 Record 132: Q-33 Alpha-35 Beta-10 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 16 RMS = 0.0401 Record 79: Q-33 Alpha-35 Beta-10 FENCE OFF  
LOC 16 RMS = 0.0393 Record 132: Q-33 Alpha-35 Beta-10 FENCE ON

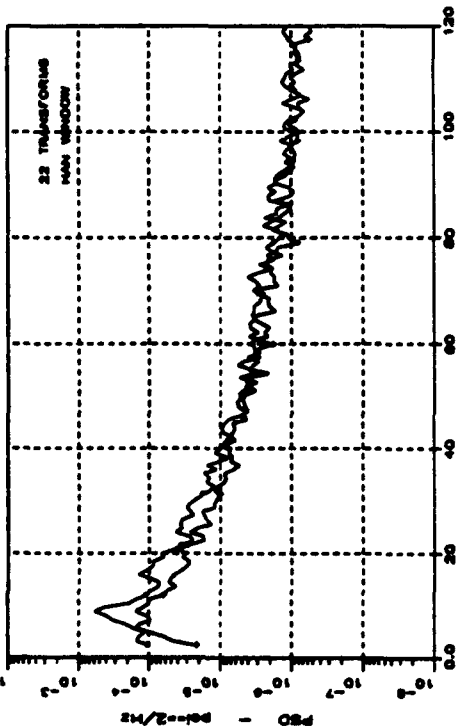


DELTA F = 0.798



# F-18 Tail Buffet Test

• LOC 20 RMS = 0.0815 Record 79: Q-33 Alpha-35 Beta=-10 FENCE OFF  
 • LOC 20 RMS = 0.0456 Record 132: Q-33 Alpha-35 Beta=-10 FENCE ON

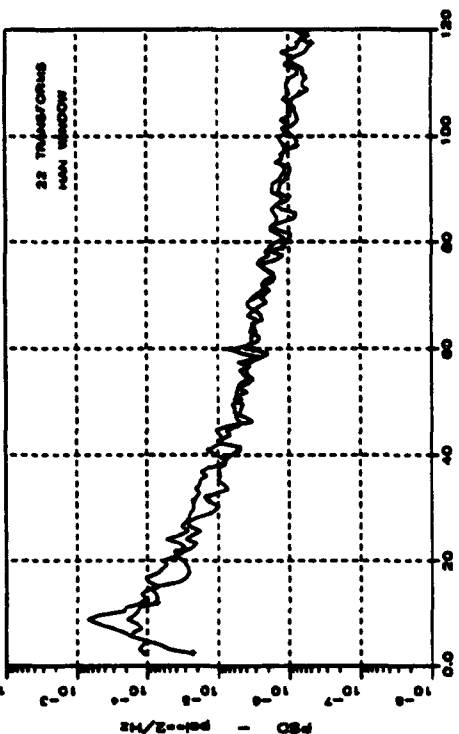


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

• LOC 19 RMS = 0.0439 Record 79: Q-33 Alpha-35 Beta=-10 FENCE OFF  
 • LOC 19 RMS = 0.0460 Record 132: Q-33 Alpha-35 Beta=-10 FENCE ON

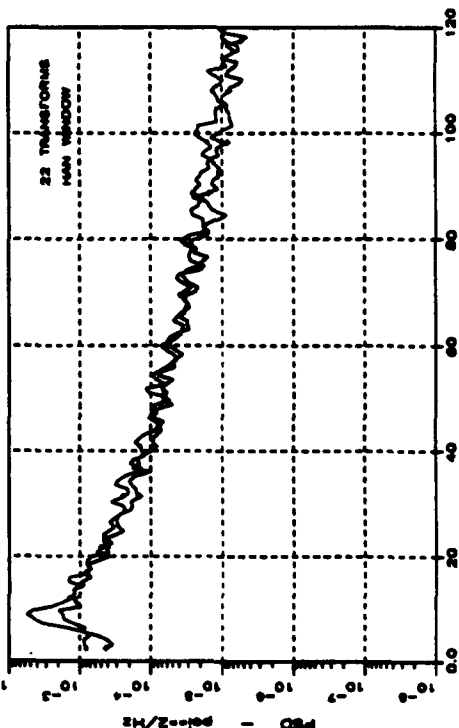


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

• LOC 18 RMS = 0.198 Record 79: Q-33 Alpha-35 Beta=-10 FENCE OFF  
 • LOC 18 RMS = 0.197 Record 132: Q-33 Alpha-35 Beta=-10 FENCE ON

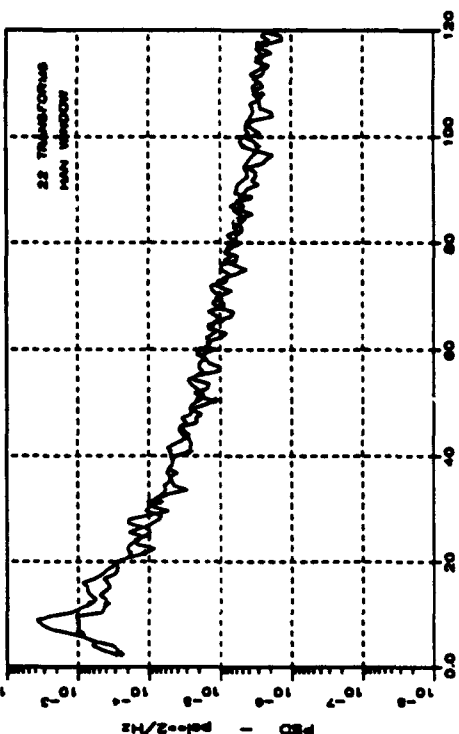


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

• LOC 17 RMS = 0.146 Record 79: Q-33 Alpha-35 Beta=-10 FENCE OFF  
 • LOC 17 RMS = 0.110 Record 132: Q-33 Alpha-35 Beta=-10 FENCE ON

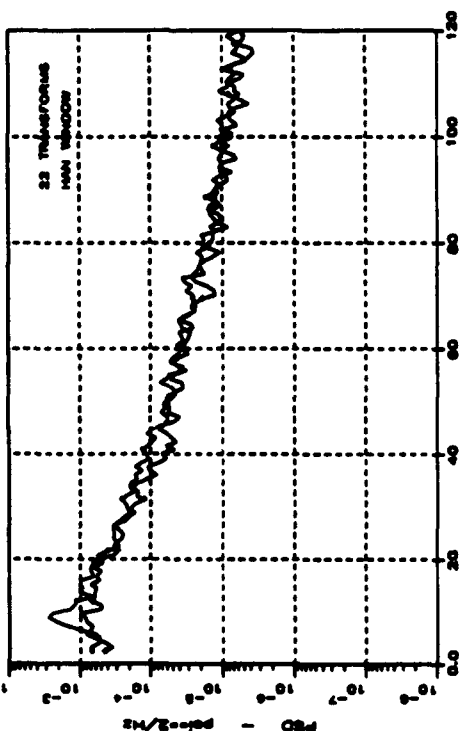


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

• LOC 24 RMS = 0.102 Record 79: Q-33 Alpha-35 Beta--10 FENCE OFF  
• LOC 24 RMS = 0.131 Record 125: Q-33 Alpha-35 Beta--10 FENCE ON

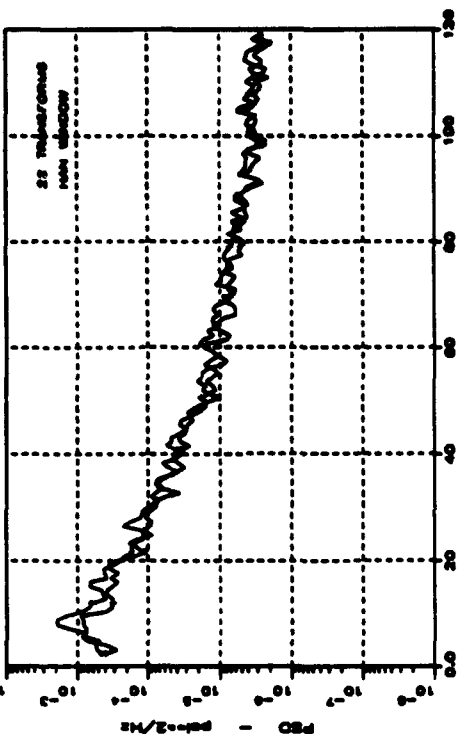


FREQUENCY - HZ

SELVA F = 0.700

# F-18 Tail Buffet Test

• LOC 23 RMS = 0.127 Record 79: Q-33 Alpha-35 Beta--10 FENCE OFF  
• LOC 23 RMS = 0.108 Record 125: Q-33 Alpha-35 Beta--10 FENCE ON

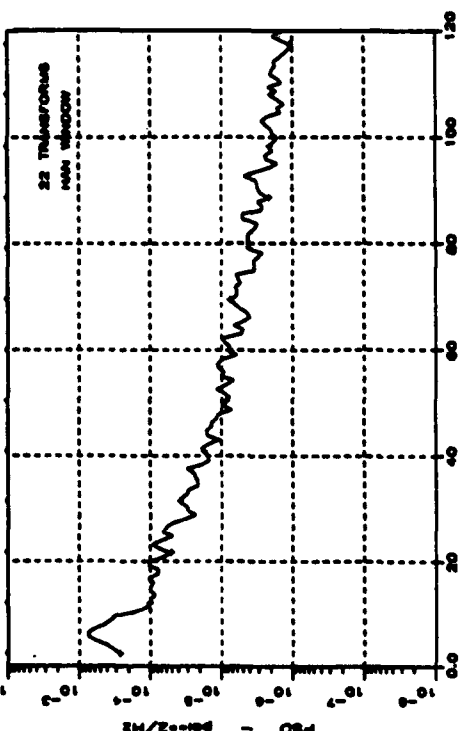


FREQUENCY - HZ

SELVA F = 0.700

# F-18 Tail Buffet Test

• LOC 22 RMS = 0.404 Record 79: Q-33 Alpha-35 Beta--10 FENCE OFF  
• LOC 22 RMS = 0.0702 Record 125: Q-33 Alpha-35 Beta--10 FENCE ON

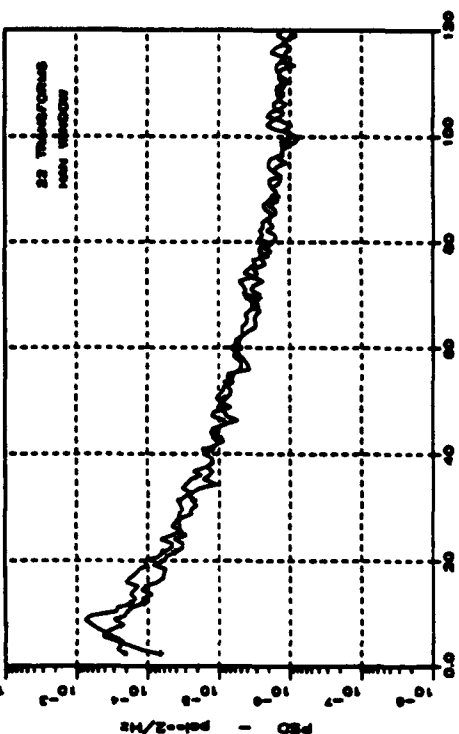


FREQUENCY - HZ

SELVA F = 0.700

# F-18 Tail Buffet Test

• LOC 21 RMS = 0.0702 Record 79: Q-33 Alpha-35 Beta--10 FENCE OFF  
• LOC 21 RMS = 0.0034 Record 125: Q-33 Alpha-35 Beta--10 FENCE ON

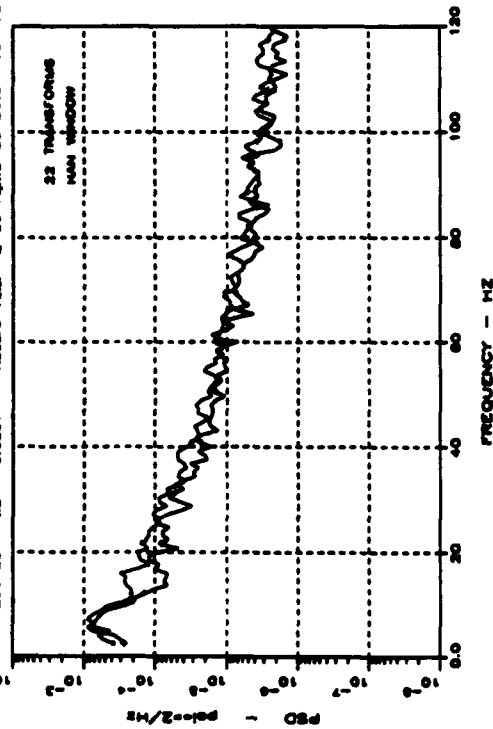


FREQUENCY - HZ

SELVA F = 0.700

F-16 Tail Buffet Test

LOC 26 RMS = 0.0000 Record 79: Q=33 Alpha=36 Beta=-10 FENCE OFF  
LOC 26 RMS = 0.0037 Record 132: Q=33 Alpha=36 Beta=-10 FENCE ON

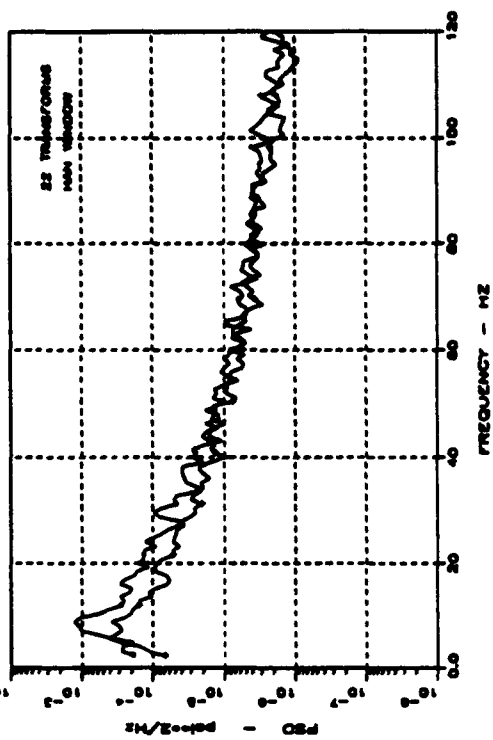


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 27 RMS = 0.0001 Record 79: Q=33 Alpha=36 Beta=-10 FENCE OFF  
LOC 27 RMS = 0.0000 Record 132: Q=33 Alpha=36 Beta=-10 FENCE ON

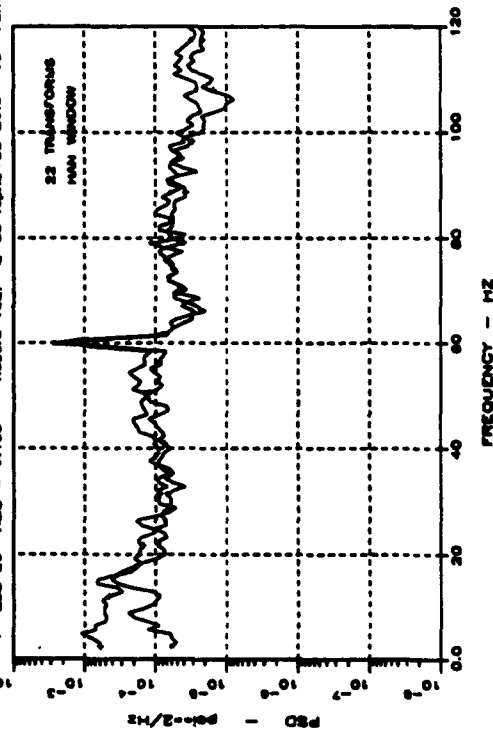


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 28 RMS = 0.118 Record 79: Q=33 Alpha=36 Beta=-10 FENCE OFF  
LOC 28 RMS = 0.133 Record 132: Q=33 Alpha=36 Beta=-10 FENCE ON

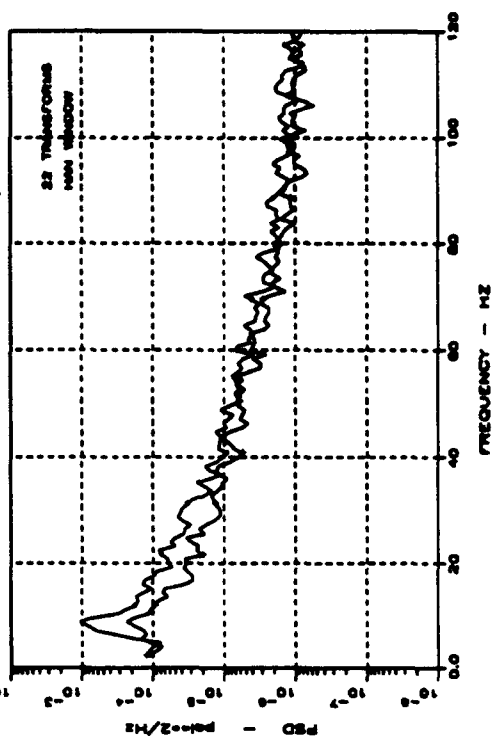


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

LOC 28 RMS = 0.0760 Record 79: Q=33 Alpha=36 Beta=-10 FENCE OFF  
LOC 28 RMS = 0.0481 Record 132: Q=33 Alpha=36 Beta=-10 FENCE ON

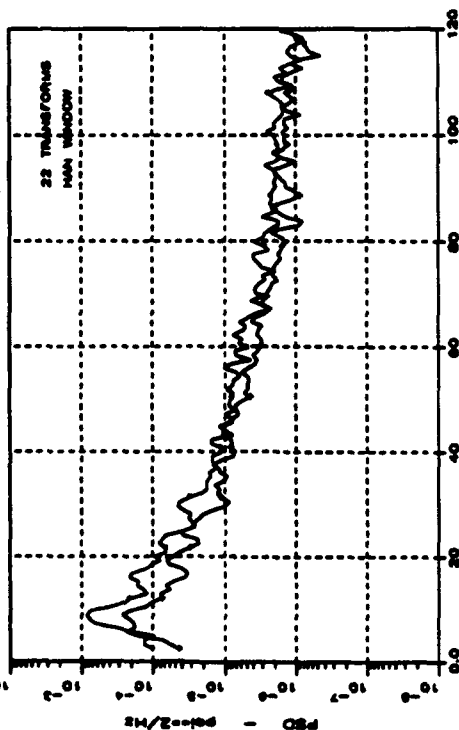


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

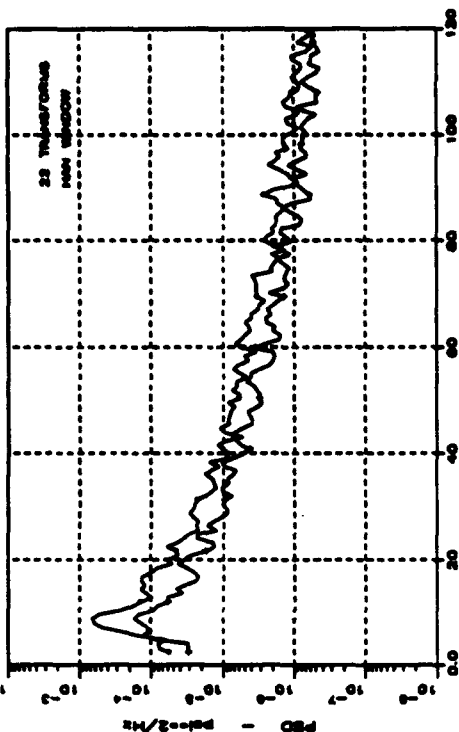
• LOC 32 RMS = 0.0776 Record 79: Q-33 Alpha-35 Beta=-10 FENCE OFF  
 • LOC 33 RMS = 0.0607 Record 123: Q-33 Alpha-35 Beta=-10 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

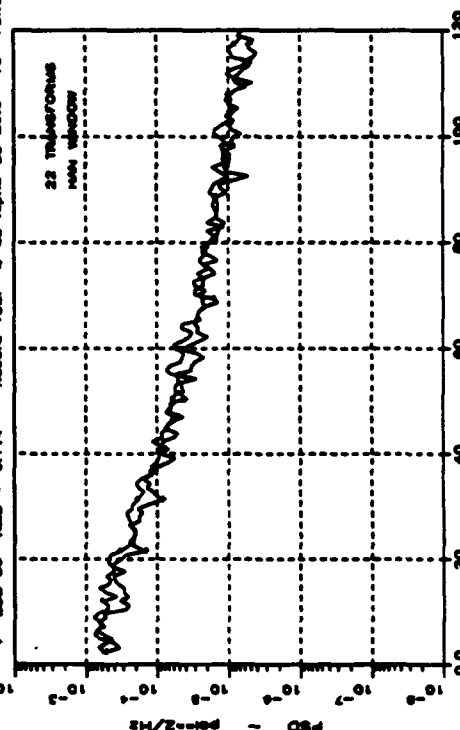
• LOC 31 RMS = 0.0666 Record 79: Q-33 Alpha-35 Beta=-10 FENCE OFF  
 • LOC 31 RMS = 0.0406 Record 123: Q-33 Alpha-35 Beta=-10 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

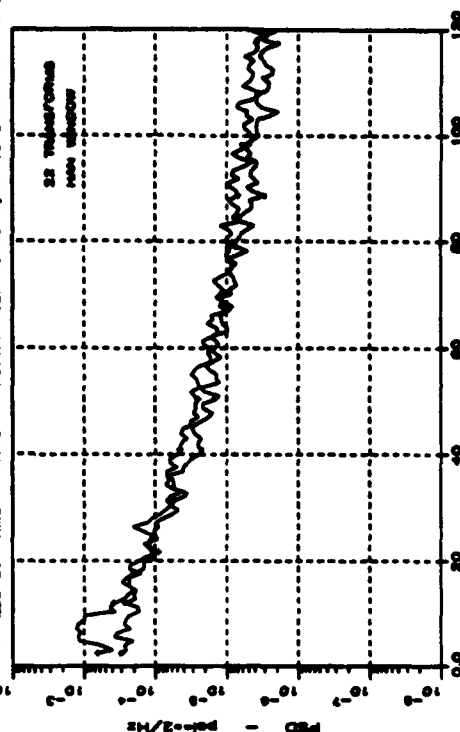
• LOC 30 RMS = 0.127 Record 79: Q-33 Alpha-35 Beta=-10 FENCE OFF  
 • LOC 30 RMS = 0.114 Record 123: Q-33 Alpha-35 Beta=-10 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

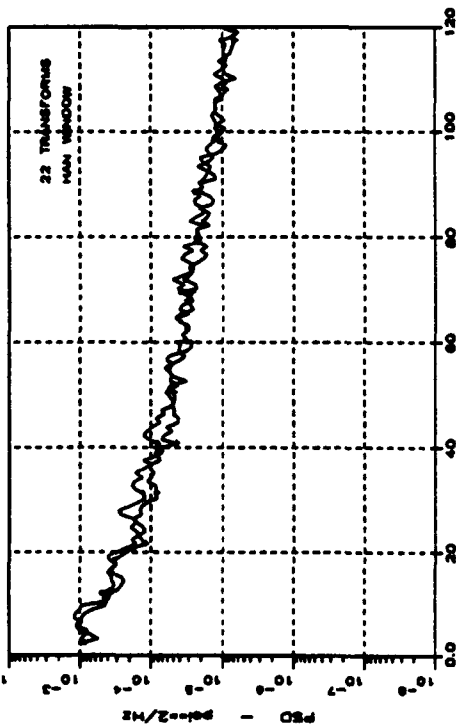
• LOC 29 RMS = 0.0604 Record 79: Q-33 Alpha-35 Beta=-10 FENCE OFF  
 • LOC 29 RMS = 0.116 Record 123: Q-33 Alpha-35 Beta=-10 FENCE ON



DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 34 RMS = 0.128 Record 79: Q-33 Alpha-35 Beta-10 FENCE OFF  
 • LOC 36 RMS = 0.126 Record 132: Q-33 Alpha-35 Beta-10 FENCE ON

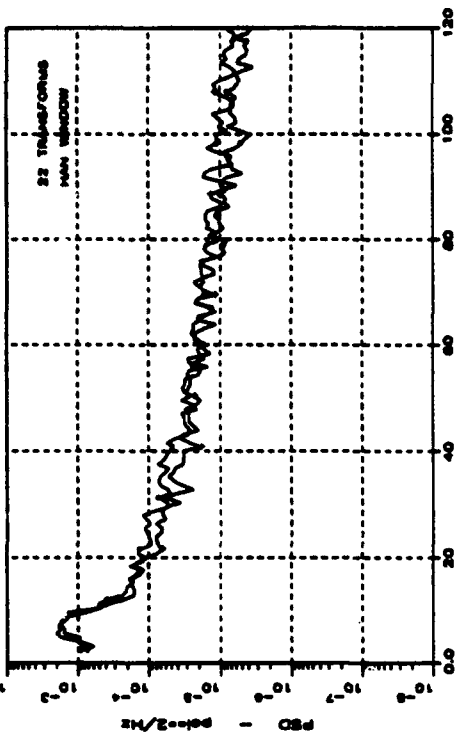


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 34 RMS = 0.121 Record 79: Q-33 Alpha-35 Beta-10 FENCE OFF  
 • LOC 36 RMS = 0.127 Record 132: Q-33 Alpha-35 Beta-10 FENCE ON

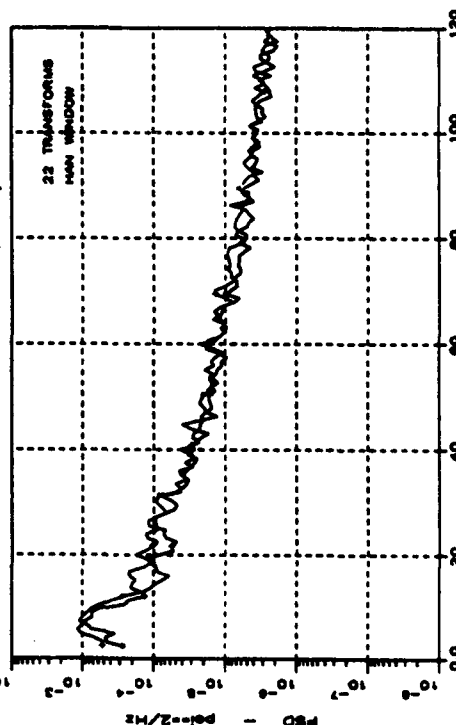


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 34 RMS = 0.100 Record 79: Q-33 Alpha-35 Beta-10 FENCE OFF  
 • LOC 36 RMS = 0.0974 Record 132: Q-33 Alpha-35 Beta-10 FENCE ON

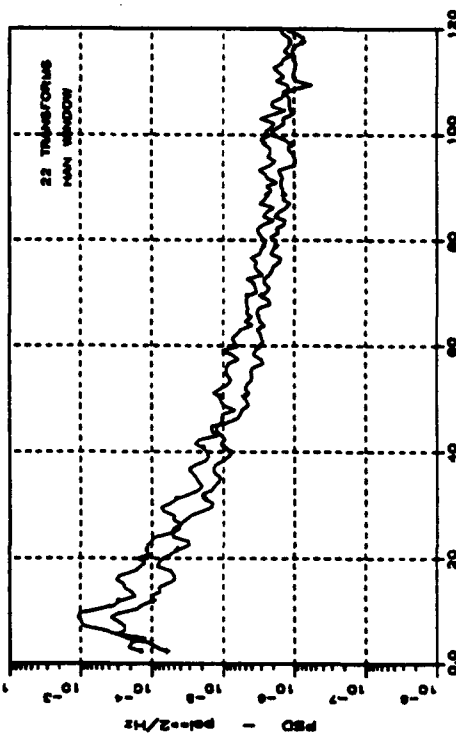


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 34 RMS = 0.0913 Record 79: Q-33 Alpha-35 Beta-10 FENCE OFF  
 • LOC 36 RMS = 0.0882 Record 132: Q-33 Alpha-35 Beta-10 FENCE ON



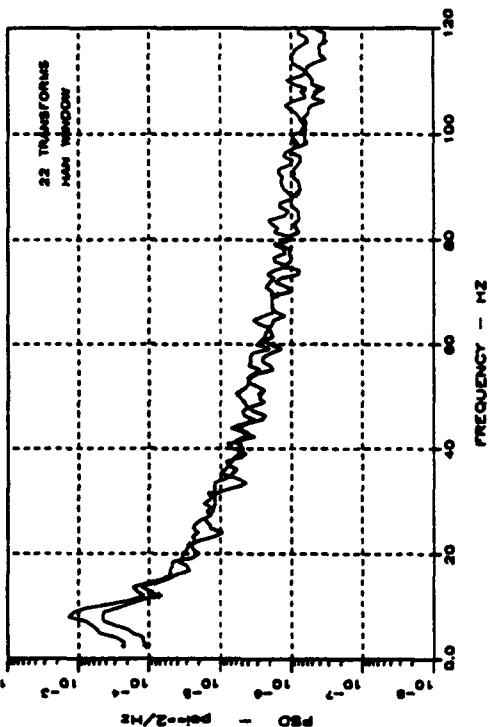
FREQUENCY - HZ

DELTA F = 0.798



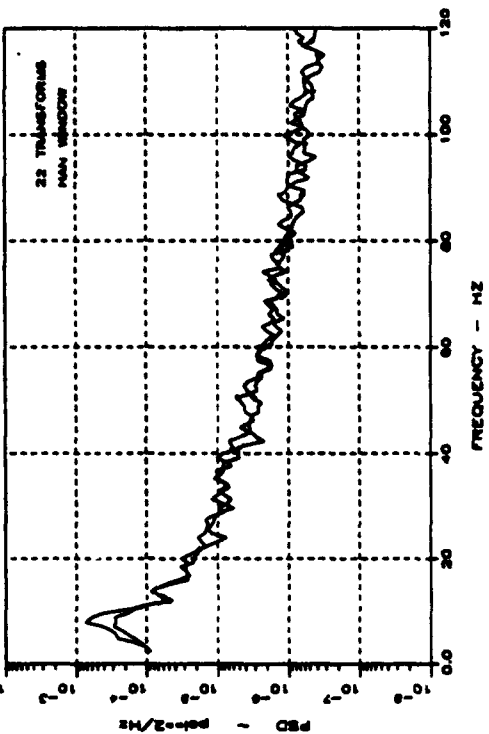
# F-16 Tail Buffet Test

• LOC 4 RMS = 0.0826 Record 76: Q-33 Alpha-35 Beta=-6 FENCE OFF  
 • LOC 4 RMS = 0.0868 Record 130: Q-33 Alpha-35 Beta=-6 FENCE ON



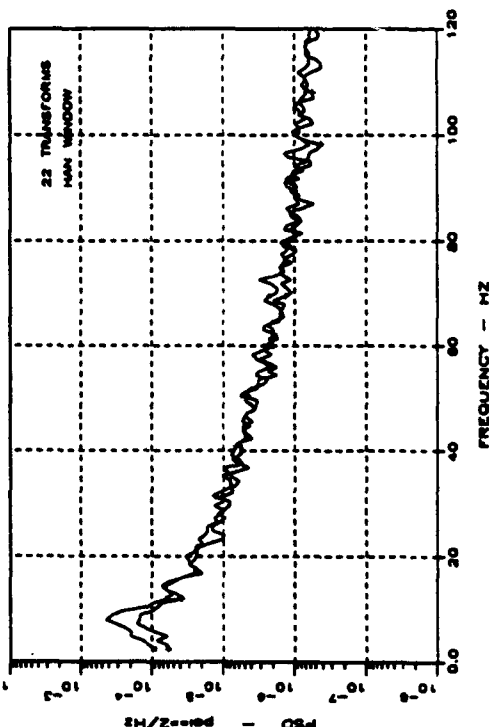
# F-16 Tail Buffet Test

• LOC 3 RMS = 0.0007 Record 76: Q-33 Alpha-35 Beta=-6 FENCE OFF  
 • LOC 3 RMS = 0.0486 Record 130: Q-33 Alpha-35 Beta=-6 FENCE ON



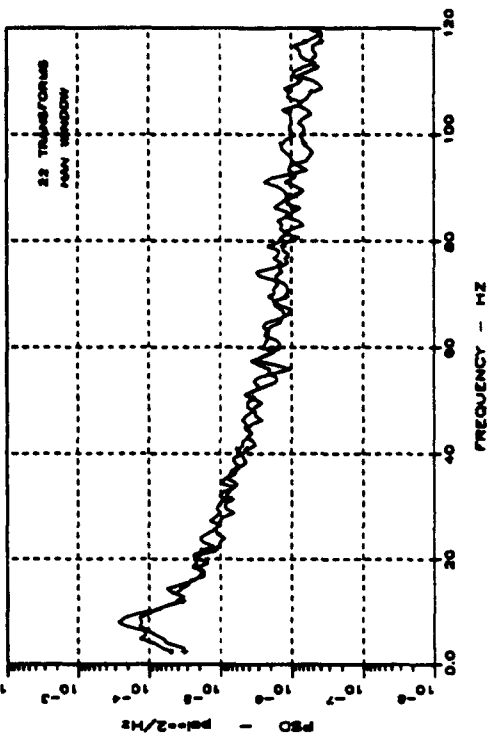
# F-16 Tail Buffet Test

• LOC 2 RMS = 0.0831 Record 76: Q-33 Alpha-35 Beta=-6 FENCE OFF  
 • LOC 2 RMS = 0.0406 Record 130: Q-33 Alpha-35 Beta=-6 FENCE ON



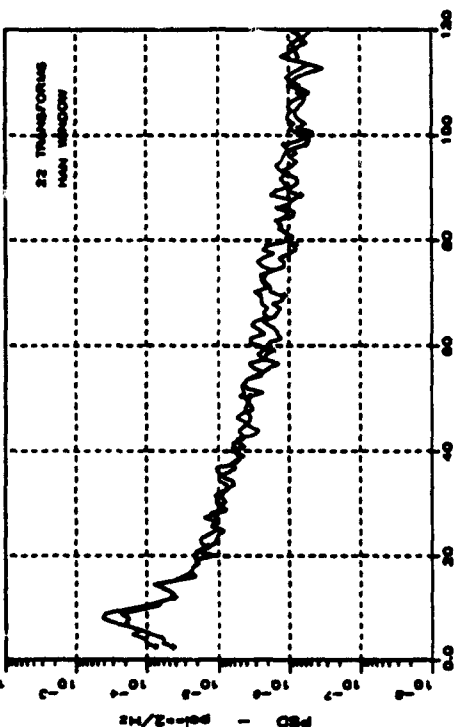
# F-16 Tail Buffet Test

• LOC 1 RMS = 0.0433 Record 76: Q-33 Alpha-35 Beta=-6 FENCE OFF  
 • LOC 1 RMS = 0.0368 Record 130: Q-33 Alpha-35 Beta=-6 FENCE ON



F-16 Tail Buffet Test

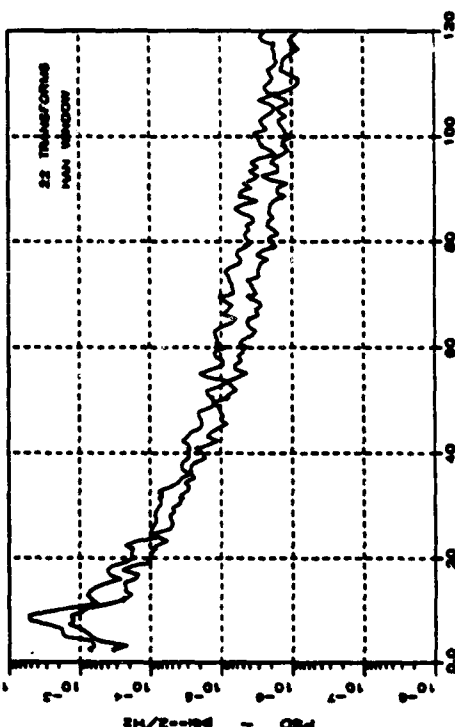
- LOC 8 RMS = 0.0488 Record 76: Q-33 Alpha-35 Beta--6 FENCE OFF
- LOC 9 RMS = 0.0430 Record 126: Q-33 Alpha-35 Beta--6 FENCE ON



FREQUENCY - HZ  
DELTA P = 0.798

F-16 Tail Buffet Test

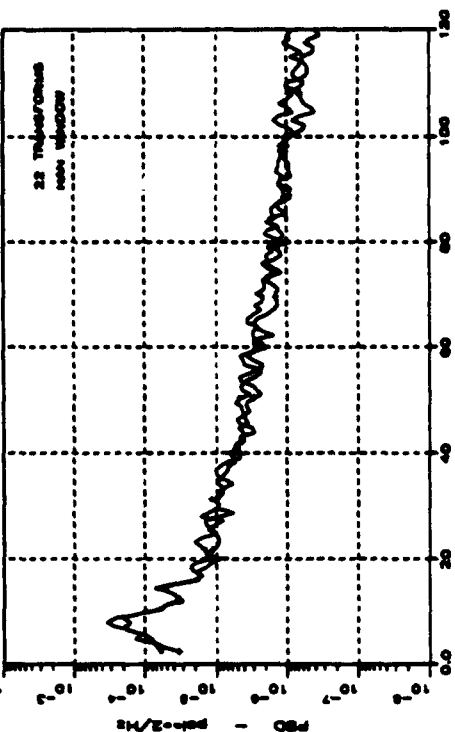
- LOC 8 RMS = 0.102 Record 76: Q-33 Alpha-35 Beta--6 FENCE OFF
- LOC 9 RMS = 0.103 Record 126: Q-33 Alpha-35 Beta--6 FENCE ON



FREQUENCY - HZ  
DELTA P = 0.798

F-16 Tail Buffet Test

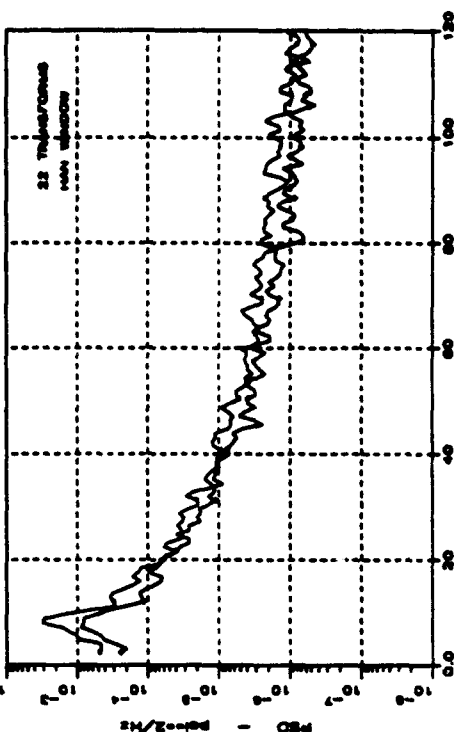
- LOC 7 RMS = 0.0448 Record 76: Q-33 Alpha-35 Beta--6 FENCE OFF
- LOC 7 RMS = 0.0401 Record 126: Q-33 Alpha-35 Beta--6 FENCE ON



FREQUENCY - HZ  
DELTA P = 0.798

F-16 Tail Buffet Test

- LOC 8 RMS = 0.120 Record 76: Q-33 Alpha-35 Beta--6 FENCE OFF
- LOC 8 RMS = 0.0776 Record 126: Q-33 Alpha-35 Beta--6 FENCE ON

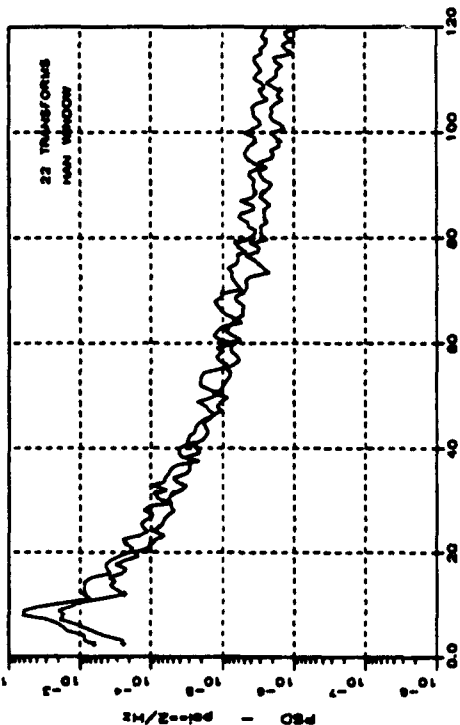


FREQUENCY - HZ  
DELTA P = 0.798



# F-16 Tail Buffet Test

• LOC 12 RMS = 0.176 Record 78: Q-33 Alpha-36 Beta=-6 FENCE OFF  
• LOC 12 RMS = 0.117 Record 130: Q-33 Alpha-36 Beta=-6 FENCE ON

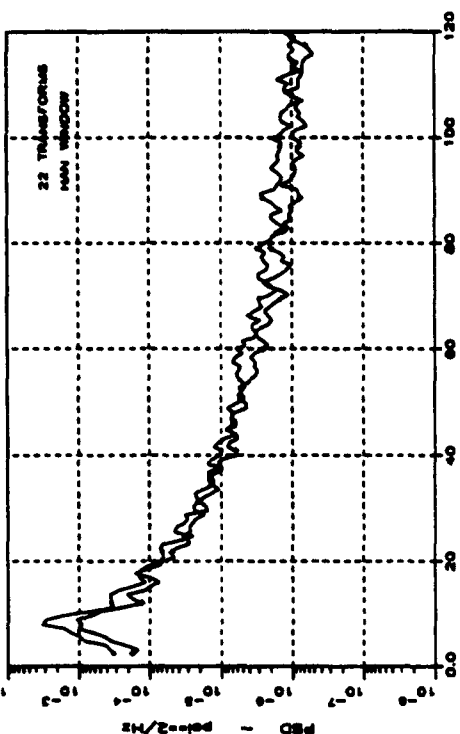


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 11 RMS = 0.120 Record 78: Q-33 Alpha-36 Beta=-6 FENCE OFF  
• LOC 11 RMS = 0.0821 Record 130: Q-33 Alpha-36 Beta=-6 FENCE ON

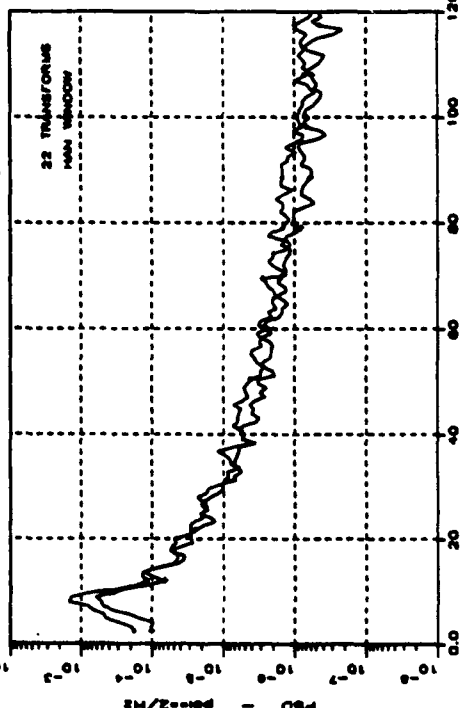


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 10 RMS = 0.0837 Record 78: Q-33 Alpha-36 Beta=-6 FENCE OFF  
• LOC 10 RMS = 0.0801 Record 130: Q-33 Alpha-36 Beta=-6 FENCE ON

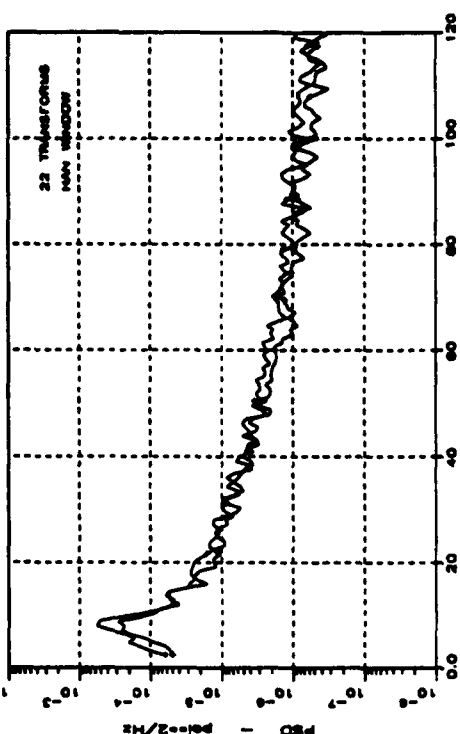


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 9 RMS = 0.0436 Record 78: Q-33 Alpha-36 Beta=-6 FENCE OFF  
• LOC 9 RMS = 0.0436 Record 130: Q-33 Alpha-36 Beta=-6 FENCE ON

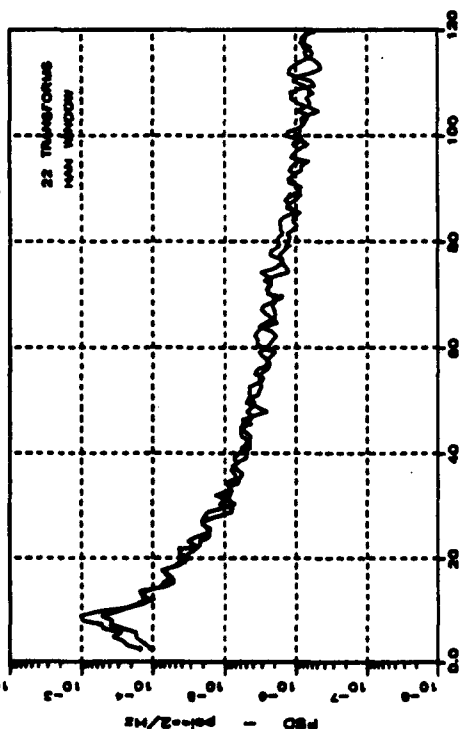


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 16 RMS = 0.0736 Record 76: Q-33 Alpha-36 Beta--6 FENCE OFF  
 • LOC 16 RMS = 0.0886 Record 130: Q-33 Alpha-36 Beta--6 FENCE ON

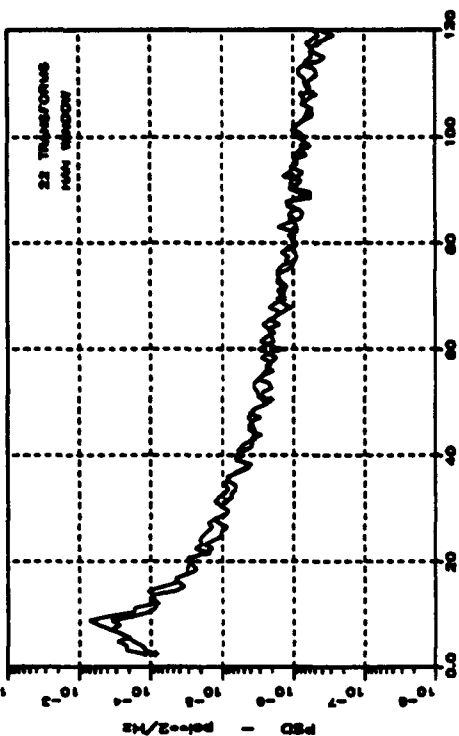


FREQUENCY - HZ

DELTA F = 0.796

# F-16 Tail Buffet Test

• LOC 16 RMS = 0.0930 Record 76: Q-33 Alpha-36 Beta--6 FENCE OFF  
 • LOC 16 RMS = 0.0914 Record 130: Q-33 Alpha-36 Beta--6 FENCE ON

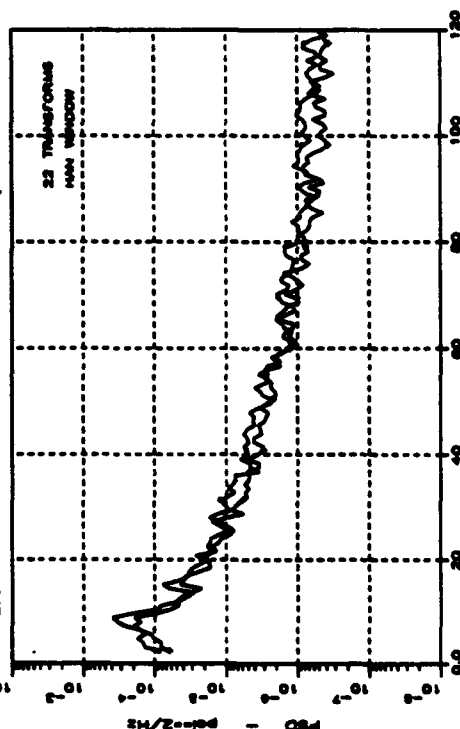


FREQUENCY - HZ

DELTA F = 0.796

# F-16 Tail Buffet Test

• LOC 14 RMS = 0.0466 Record 76: Q-33 Alpha-36 Beta--6 FENCE OFF  
 • LOC 14 RMS = 0.0403 Record 130: Q-33 Alpha-36 Beta--6 FENCE ON

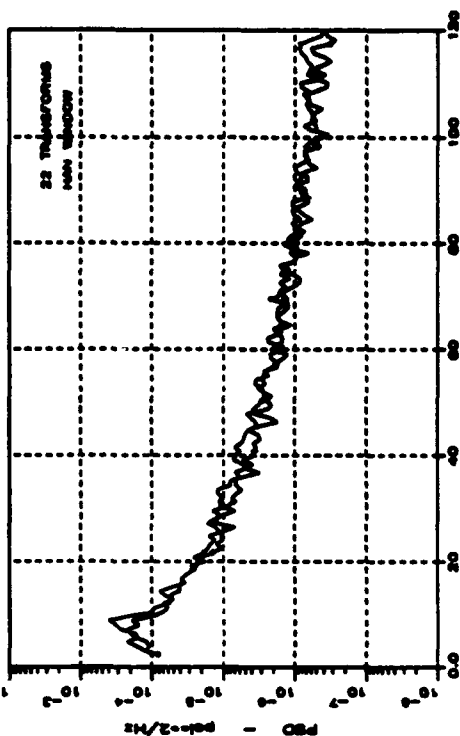


FREQUENCY - HZ

DELTA F = 0.796

# F-16 Tail Buffet Test

• LOC 13 RMS = 0.0912 Record 76: Q-33 Alpha-36 Beta--6 FENCE OFF  
 • LOC 13 RMS = 0.0440 Record 130: Q-33 Alpha-36 Beta--6 FENCE ON

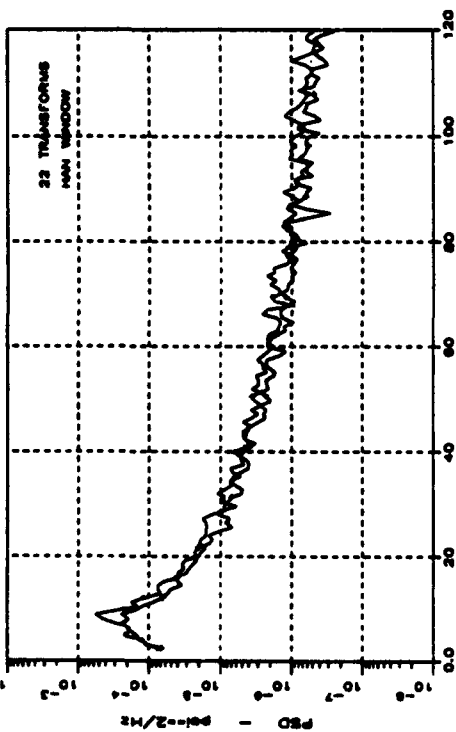


FREQUENCY - HZ

DELTA F = 0.796

# F-18 Tail Buffet Test

• LOC 20 RMS = 0.0856 Record 76: Q-33 Alpha-36 Beta--6 FENCE OFF  
 • LOC 20 RMS = 0.0451 Record 130: Q-33 Alpha-36 Beta--6 FENCE ON

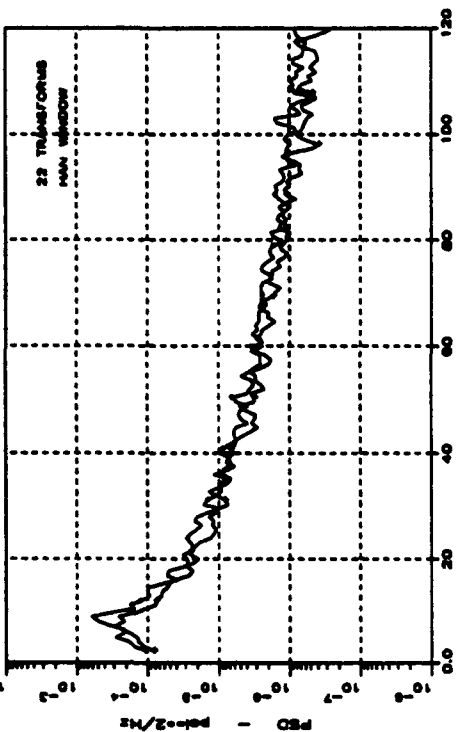


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

• LOC 19 RMS = 0.0807 Record 76: Q-33 Alpha-36 Beta--6 FENCE OFF  
 • LOC 19 RMS = 0.0484 Record 130: Q-33 Alpha-36 Beta--6 FENCE ON

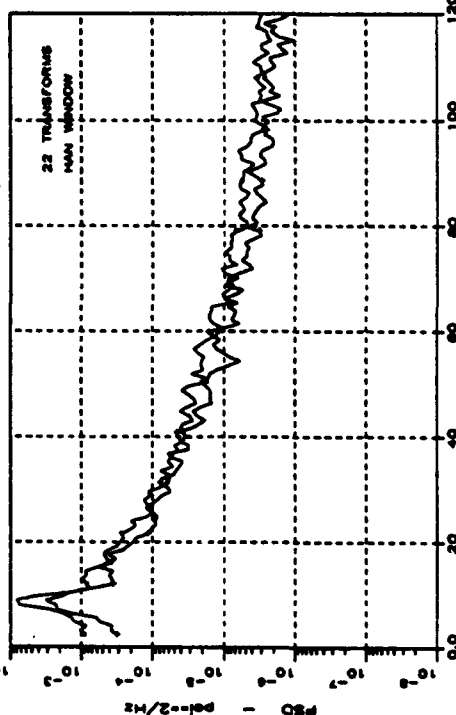


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

• LOC 18 RMS = 0.183 Record 76: Q-33 Alpha-36 Beta--6 FENCE OFF  
 • LOC 18 RMS = 0.132 Record 130: Q-33 Alpha-36 Beta--6 FENCE ON

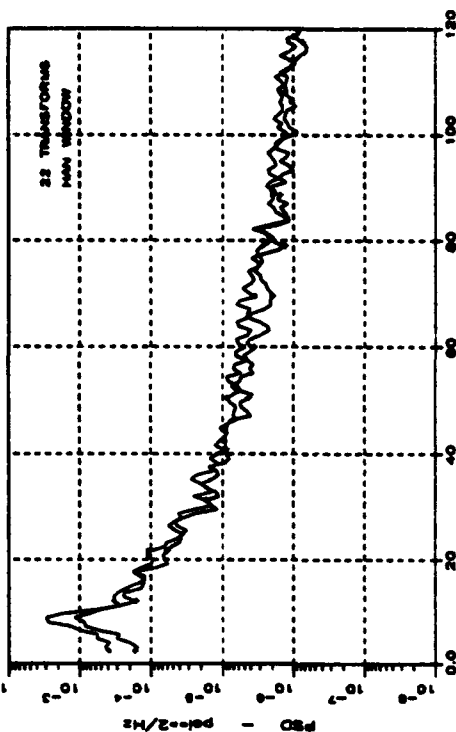


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

• LOC 17 RMS = 0.114 Record 76: Q-33 Alpha-36 Beta--6 FENCE OFF  
 • LOC 17 RMS = 0.0853 Record 130: Q-33 Alpha-36 Beta--6 FENCE ON

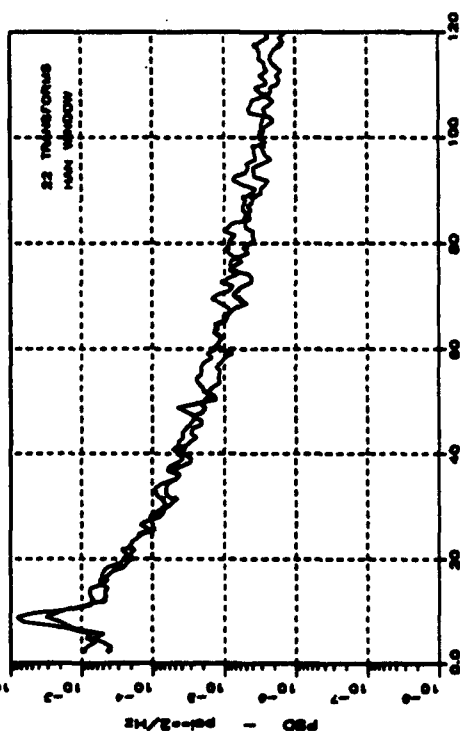


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 24 RMS = 0.176 Record 76: Q-33 Alpha-35 Beta-6 FENCE OFF  
• LOC 24 RMS = 0.134 Record 120: Q-33 Alpha-35 Beta-6 FENCE ON

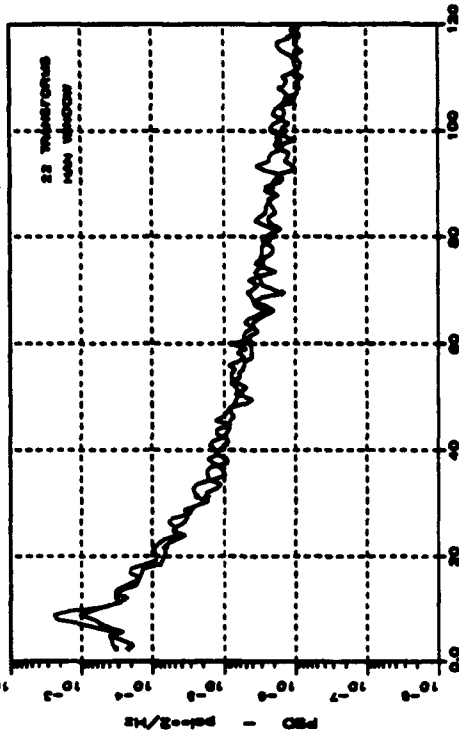


FREQUENCY - HZ

OSLTA F = 0.700

# F-16 Tail Buffet Test

• LOC 23 RMS = 0.106 Record 76: Q-33 Alpha-35 Beta-6 FENCE OFF  
• LOC 23 RMS = 0.0915 Record 120: Q-33 Alpha-35 Beta-6 FENCE ON

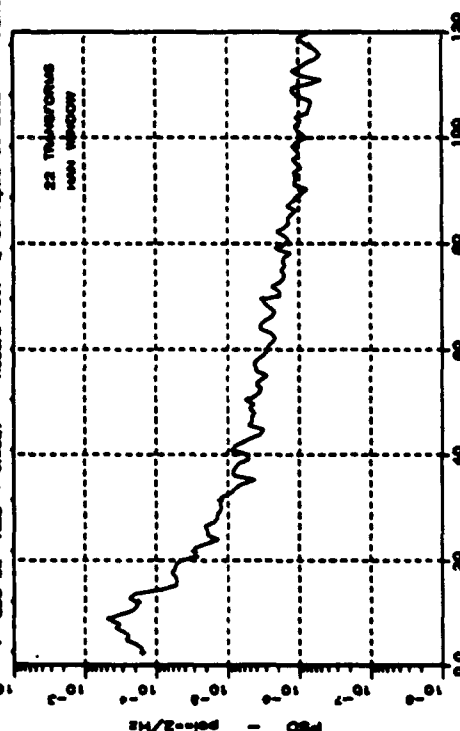


FREQUENCY - HZ

OSLTA F = 0.700

# F-16 Tail Buffet Test

• LOC 22 RMS = 0.143 Record 76: Q-33 Alpha-35 Beta-6 FENCE OFF  
• LOC 22 RMS = 0.0857 Record 120: Q-33 Alpha-35 Beta-6 FENCE ON

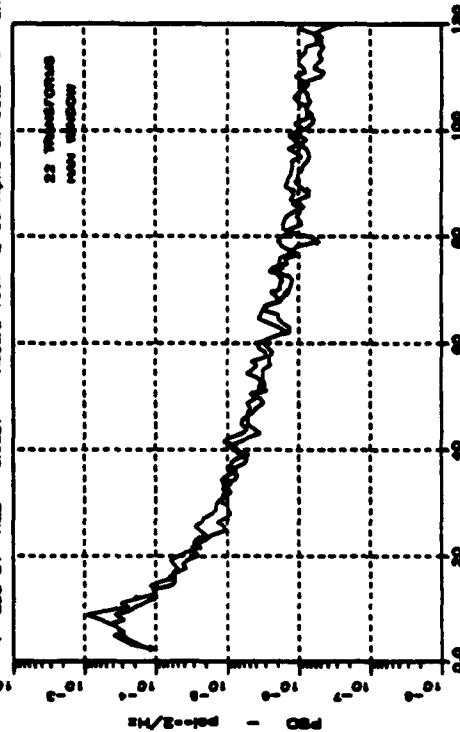


FREQUENCY - HZ

OSLTA F = 0.700

# F-16 Tail Buffet Test

• LOC 21 RMS = 0.0704 Record 76: Q-33 Alpha-35 Beta-6 FENCE OFF  
• LOC 21 RMS = 0.0607 Record 120: Q-33 Alpha-35 Beta-6 FENCE ON

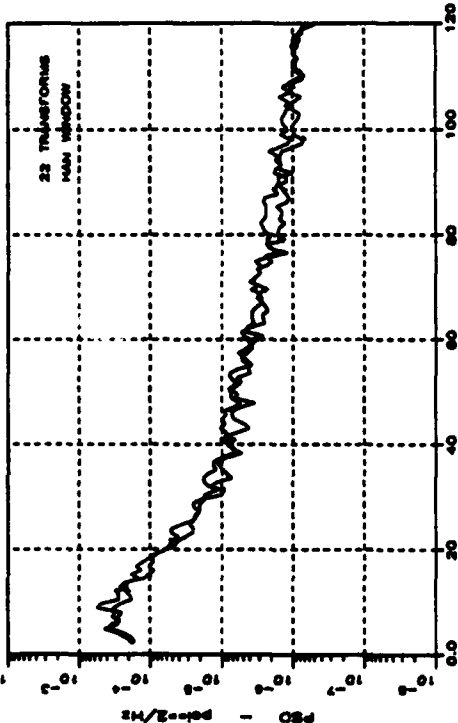


FREQUENCY - HZ

OSLTA F = 0.700

F-16 Tail Buffet Test

LOC 26 RMS = 0.0716 Record 76: Q-33 Alpha-35 Beta--6 FENCE OFF  
LOC 26 RMS = 0.0666 Record 130: Q-33 Alpha-35 Beta--6 FENCE ON

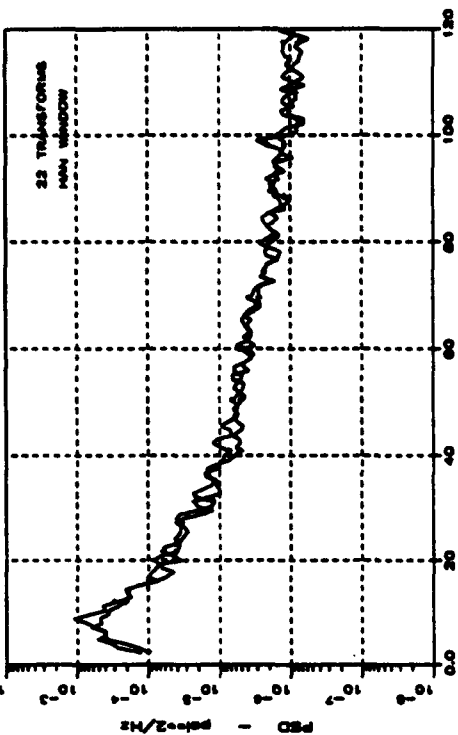


FREQUENCY - HZ

DELTA F = 0.7968

F-16 Tail Buffet Test

LOC 27 RMS = 0.0817 Record 76: Q-33 Alpha-35 Beta--6 FENCE OFF  
LOC 27 RMS = 0.0712 Record 130: Q-33 Alpha-35 Beta--6 FENCE ON

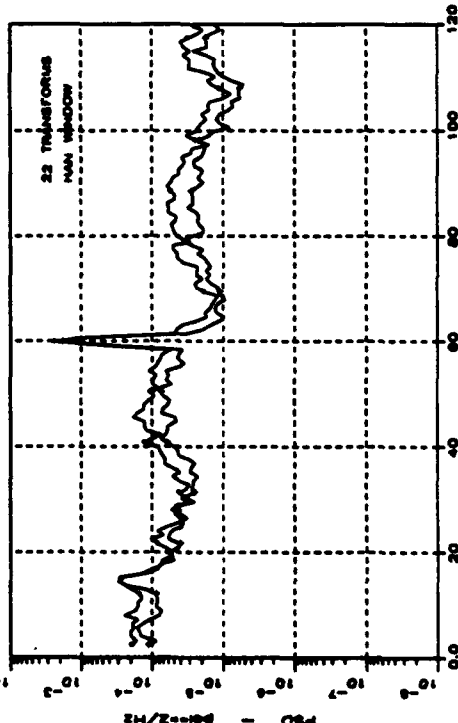


FREQUENCY - HZ

DELTA F = 0.7968

F-16 Tail Buffet Test

LOC 26 RMS = 0.106 Record 76: Q-33 Alpha-35 Beta--6 FENCE OFF  
LOC 26 RMS = 0.0866 Record 130: Q-33 Alpha-35 Beta--6 FENCE ON

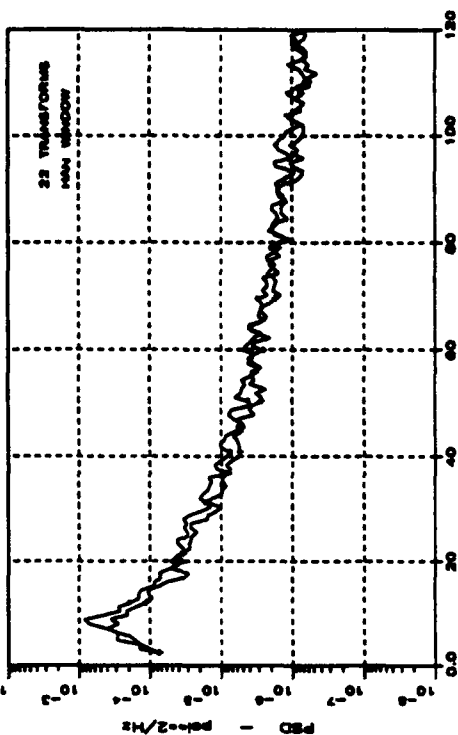


FREQUENCY - HZ

DELTA F = 0.7968

F-16 Tail Buffet Test

LOC 26 RMS = 0.0700 Record 76: Q-33 Alpha-35 Beta--6 FENCE OFF  
LOC 26 RMS = 0.0663 Record 130: Q-33 Alpha-35 Beta--6 FENCE ON

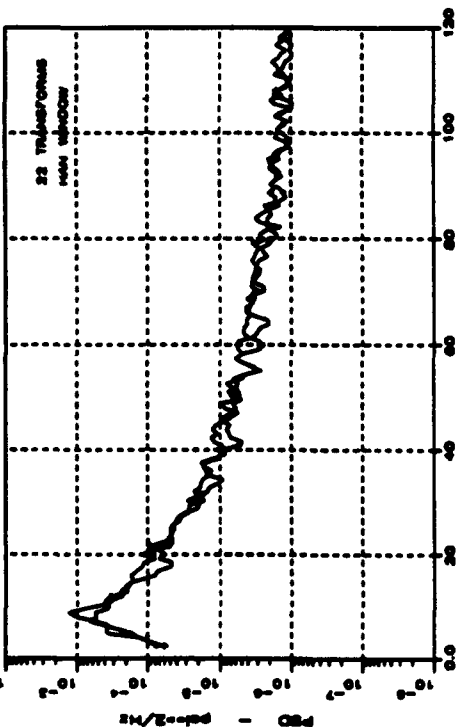


FREQUENCY - HZ

DELTA F = 0.7968

F-18 Tail Buffet Test

• LOC 32 RMS = 0.0833 Record 76 Q-33 Alpha-35 Beta-6 FENCE OFF  
• LOC 32 RMS = 0.0711 Record 126 Q-33 Alpha-35 Beta-6 FENCE ON

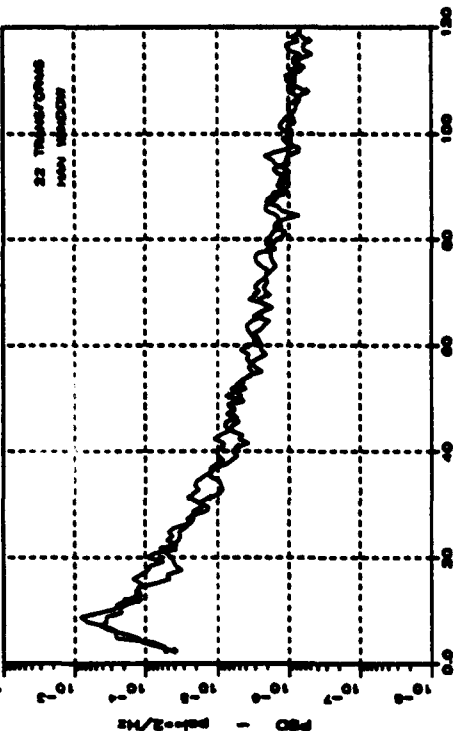


FREQUENCY - HZ

DELTA P = 0.700

F-18 Tail Buffet Test

• LOC 31 RMS = 0.0883 Record 76 Q-33 Alpha-35 Beta-6 FENCE OFF  
• LOC 31 RMS = 0.0879 Record 126 Q-33 Alpha-35 Beta-6 FENCE ON

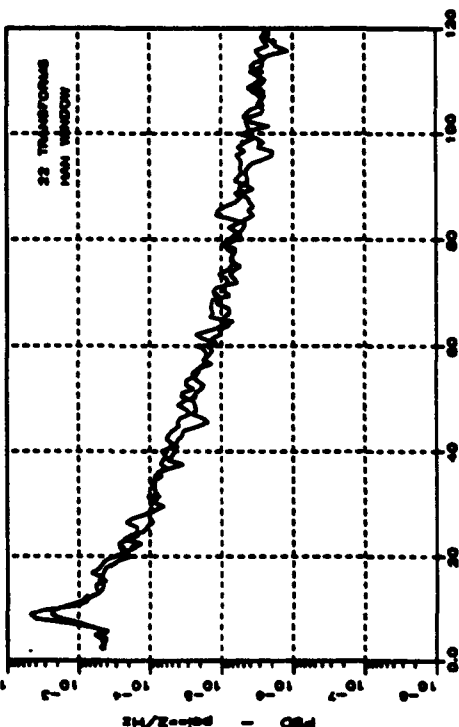


FREQUENCY - HZ

DELTA P = 0.700

F-18 Tail Buffet Test

• LOC 30 RMS = 0.148 Record 76 Q-33 Alpha-35 Beta-6 FENCE OFF  
• LOC 30 RMS = 0.132 Record 126 Q-33 Alpha-35 Beta-6 FENCE ON

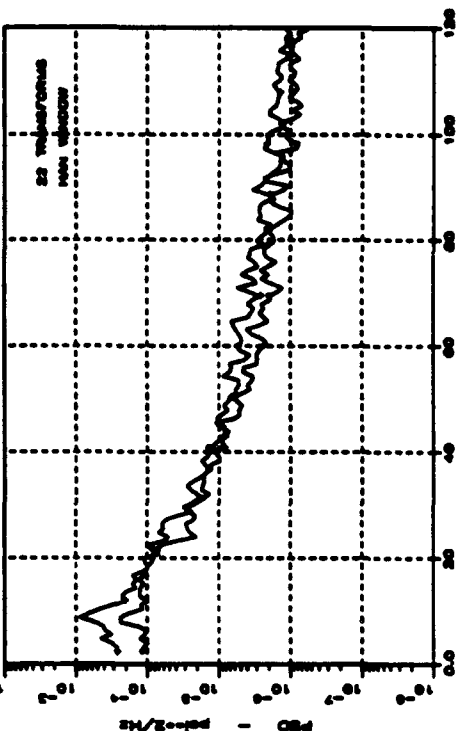


FREQUENCY - HZ

DELTA P = 0.700

F-18 Tail Buffet Test

• LOC 29 RMS = 0.0884 Record 76 Q-33 Alpha-35 Beta-6 FENCE OFF  
• LOC 29 RMS = 0.0814 Record 126 Q-33 Alpha-35 Beta-6 FENCE ON

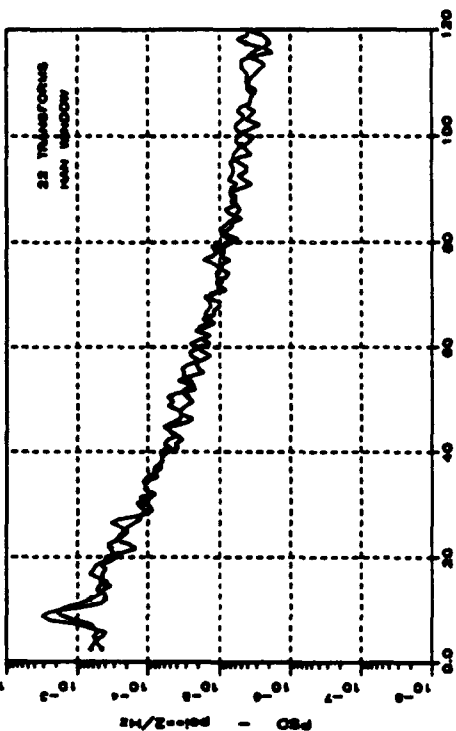


FREQUENCY - HZ

DELTA P = 0.700

# F-18 Tail Buffet Test

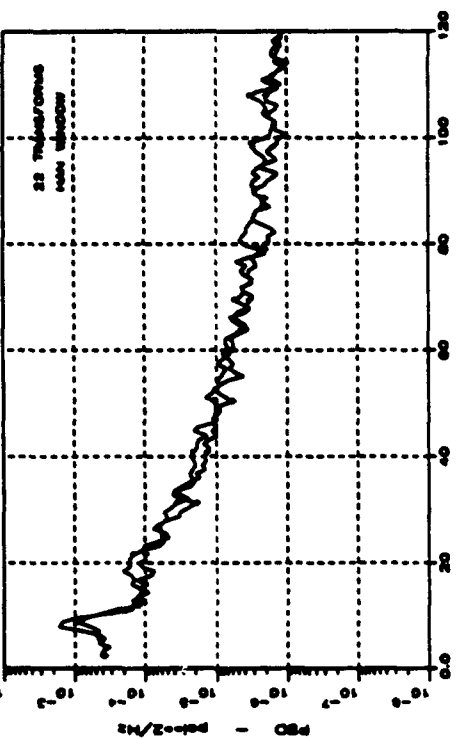
LOC 34 RMS = 0.136 Record 76: Q-33 Alpha-35 Beta--6 FENCE OFF  
LOC 36 RMS = 0.131 Record 130: Q-33 Alpha-35 Beta--6 FENCE ON



DELTA P = 0.798

# F-18 Tail Buffet Test

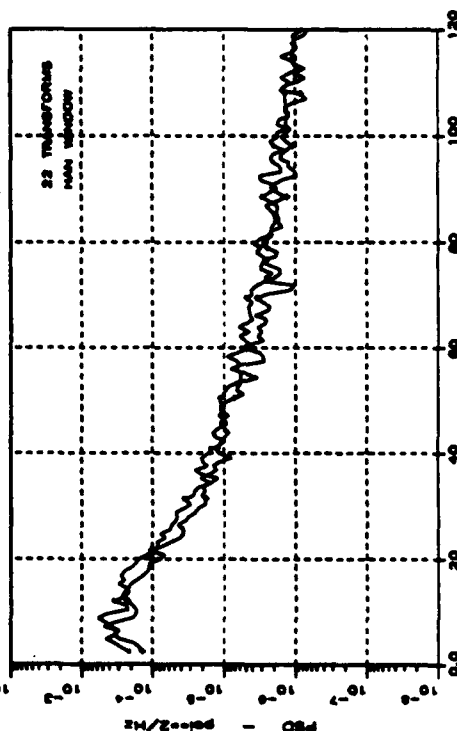
LOC 34 RMS = 0.0846 Record 76: Q-33 Alpha-35 Beta--6 FENCE OFF  
LOC 36 RMS = 0.0833 Record 130: Q-33 Alpha-35 Beta--6 FENCE ON



DELTA P = 0.798

# F-18 Tail Buffet Test

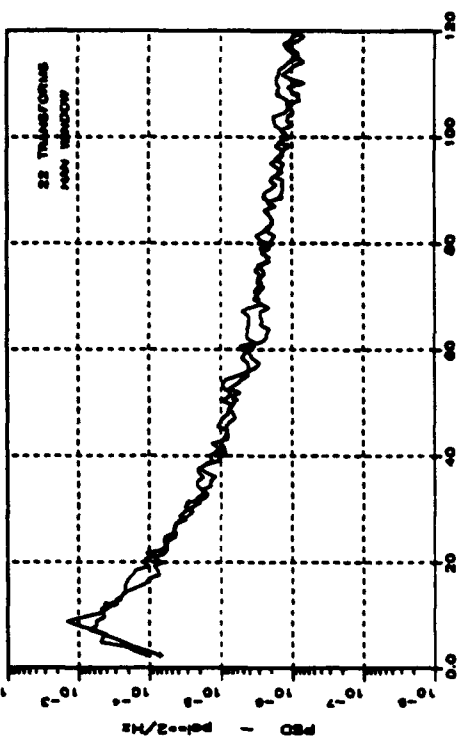
LOC 34 RMS = 0.0816 Record 76: Q-33 Alpha-35 Beta--6 FENCE OFF  
LOC 36 RMS = 0.0801 Record 130: Q-33 Alpha-35 Beta--6 FENCE ON



DELTA P = 0.798

# F-18 Tail Buffet Test

LOC 33 RMS = 0.0804 Record 76: Q-33 Alpha-35 Beta--6 FENCE OFF  
LOC 33 RMS = 0.0798 Record 130: Q-33 Alpha-35 Beta--6 FENCE ON



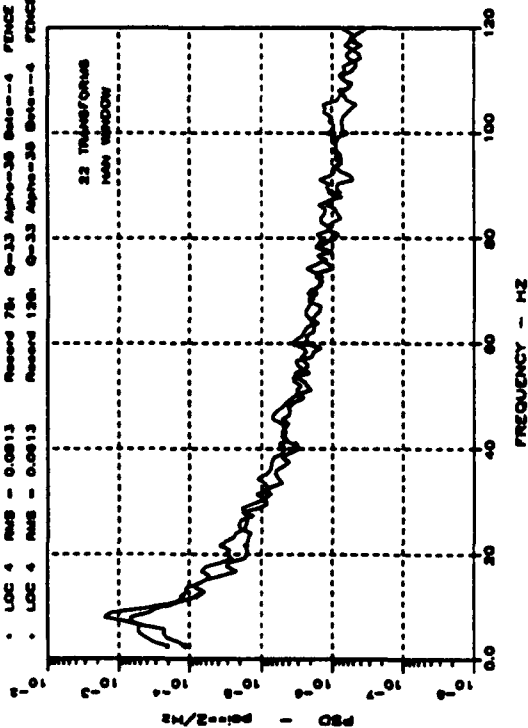
DELTA P = 0.798





# F-16 Tail Buffet Test

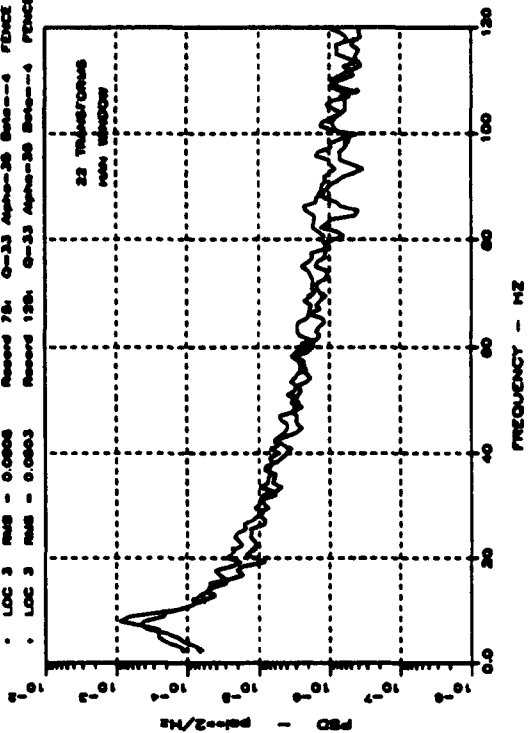
• LOC 4 RMS = 0.0813 Record 76: Q-33 Alpha-36 Beta=-4 FENCE OFF  
 • LOC 4 RMS = 0.0813 Record 126: Q-33 Alpha-36 Beta=-4 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

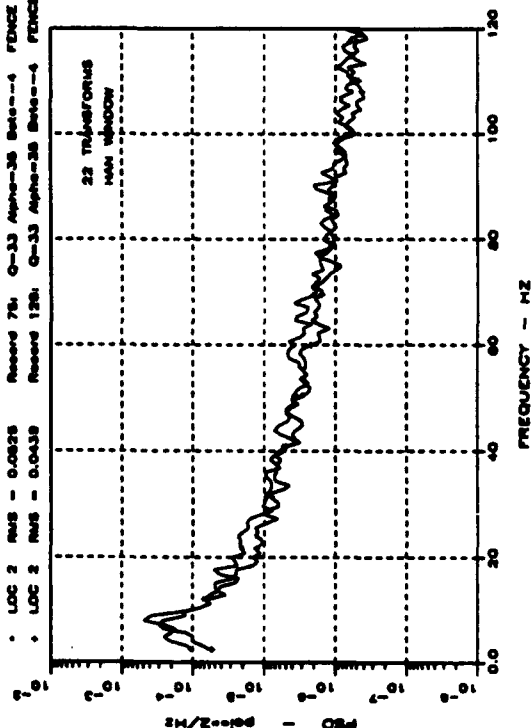
• LOC 3 RMS = 0.0808 Record 76: Q-33 Alpha-36 Beta=-4 FENCE OFF  
 • LOC 3 RMS = 0.0803 Record 126: Q-33 Alpha-36 Beta=-4 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

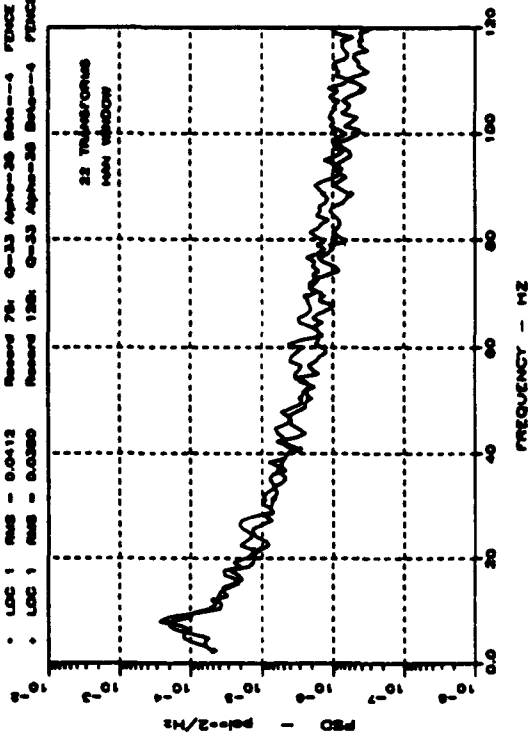
• LOC 2 RMS = 0.0828 Record 76: Q-33 Alpha-36 Beta=-4 FENCE OFF  
 • LOC 2 RMS = 0.0438 Record 126: Q-33 Alpha-36 Beta=-4 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

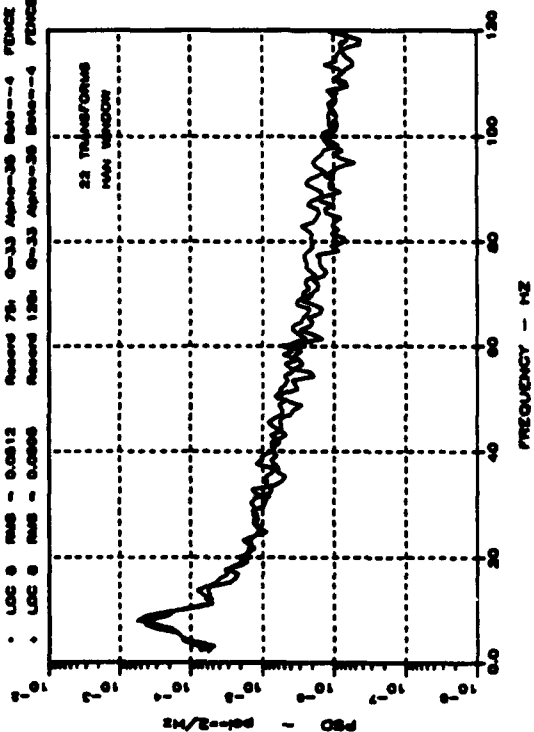
• LOC 1 RMS = 0.0412 Record 76: Q-33 Alpha-36 Beta=-4 FENCE OFF  
 • LOC 1 RMS = 0.0380 Record 126: Q-33 Alpha-36 Beta=-4 FENCE ON



DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 8 RMS = 0.0812 Record 76 Q-33 Alpha-25 Beta=-4 FENCE OFF  
 • LOC 8 RMS = 0.0805 Record 126 Q-33 Alpha-25 Beta=-4 FENCE ON

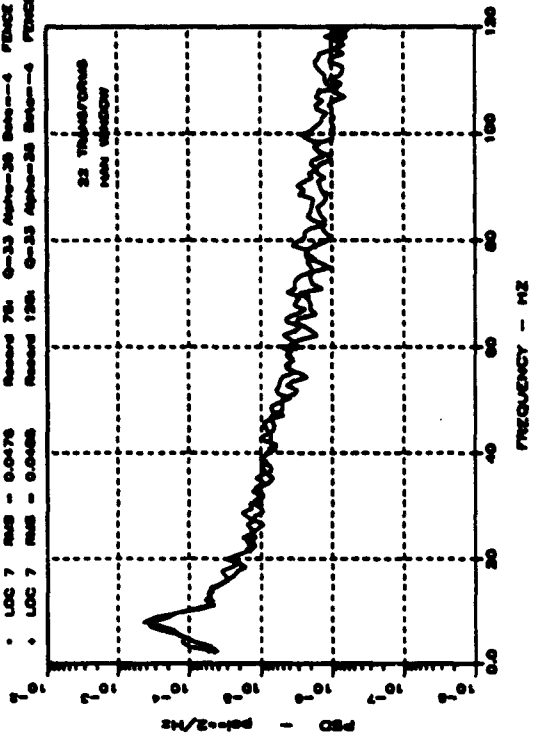


FREQUENCY - HZ

DELTA F = 0.7500

F-16 Tail Buffet Test

• LOC 7 RMS = 0.0476 Record 76 Q-33 Alpha-25 Beta=-4 FENCE OFF  
 • LOC 7 RMS = 0.0465 Record 126 Q-33 Alpha-25 Beta=-4 FENCE ON

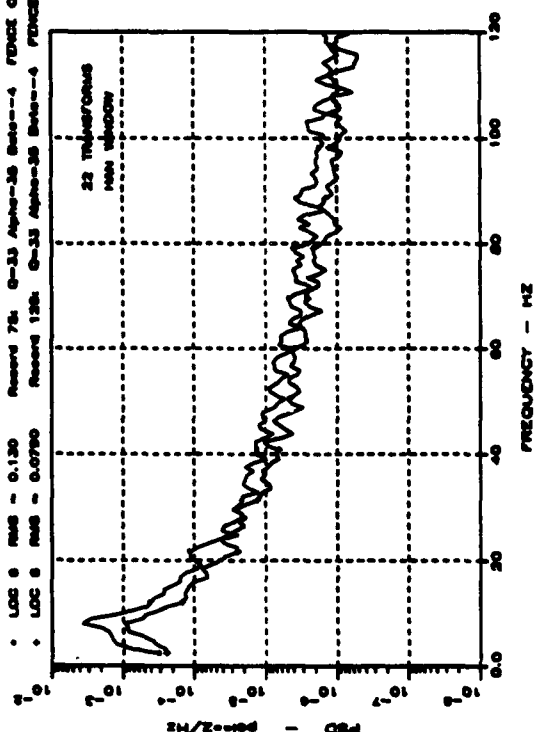


FREQUENCY - HZ

DELTA F = 0.7500

F-16 Tail Buffet Test

• LOC 8 RMS = 0.120 Record 76 Q-33 Alpha-25 Beta=-4 FENCE OFF  
 • LOC 8 RMS = 0.0790 Record 126 Q-33 Alpha-25 Beta=-4 FENCE ON

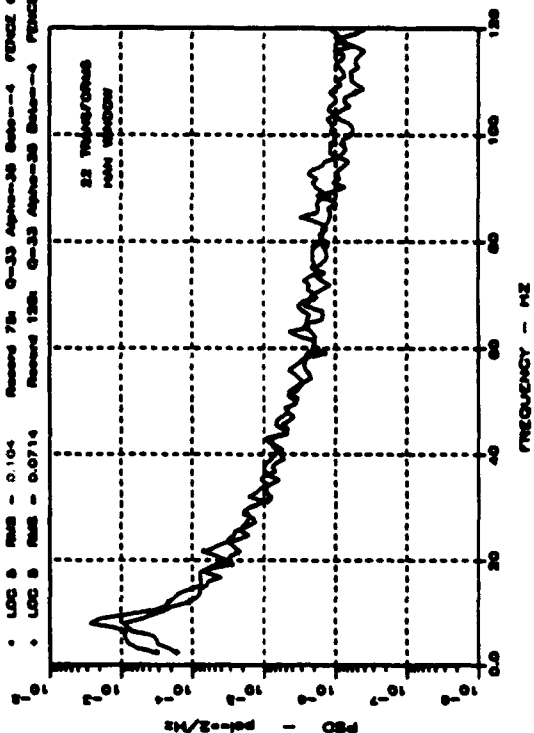


FREQUENCY - HZ

DELTA F = 0.7500

F-16 Tail Buffet Test

• LOC 8 RMS = 0.104 Record 76 Q-33 Alpha-25 Beta=-4 FENCE OFF  
 • LOC 8 RMS = 0.0714 Record 126 Q-33 Alpha-25 Beta=-4 FENCE ON

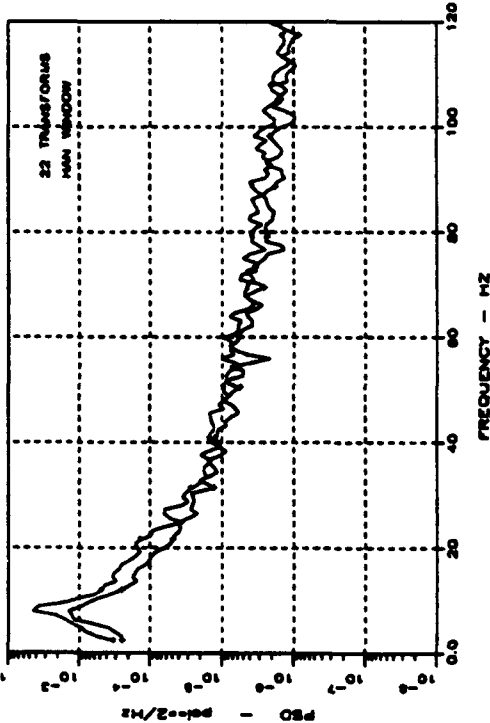


FREQUENCY - HZ

DELTA F = 0.7500

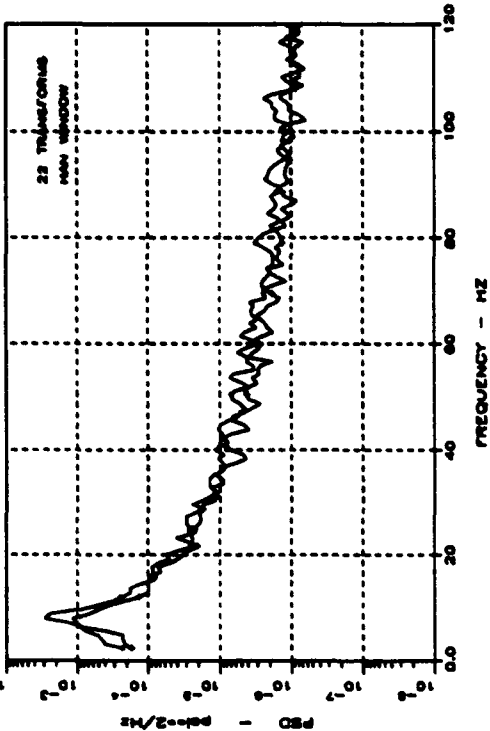
# F-16 Tail Buffet Test

LOC 12 RMS = 0.137 Record 76: Q-33 Alpha-36 Beta=-4 FENCE OFF  
 LOC 12 RMS = 0.0933 Record 128: Q-33 Alpha-36 Beta=-4 FENCE ON



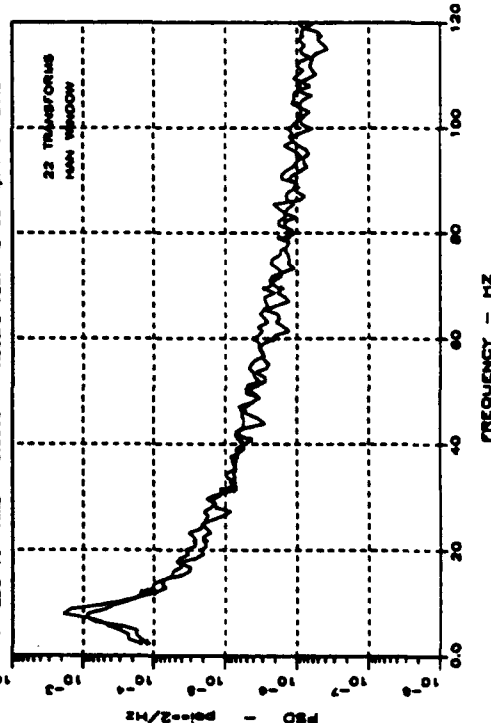
# F-16 Tail Buffet Test

LOC 11 RMS = 0.106 Record 76: Q-33 Alpha-36 Beta=-4 FENCE OFF  
 LOC 11 RMS = 0.0777 Record 128: Q-33 Alpha-36 Beta=-4 FENCE ON



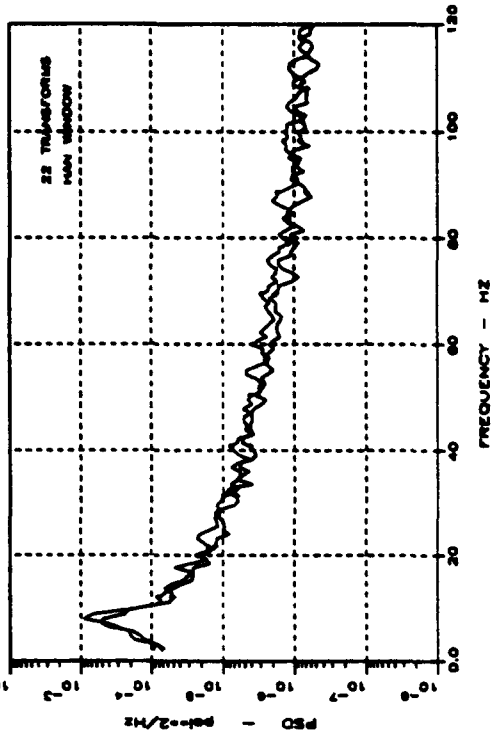
# F-16 Tail Buffet Test

LOC 10 RMS = 0.0821 Record 76: Q-33 Alpha-36 Beta=-4 FENCE OFF  
 LOC 10 RMS = 0.0669 Record 128: Q-33 Alpha-36 Beta=-4 FENCE ON



# F-16 Tail Buffet Test

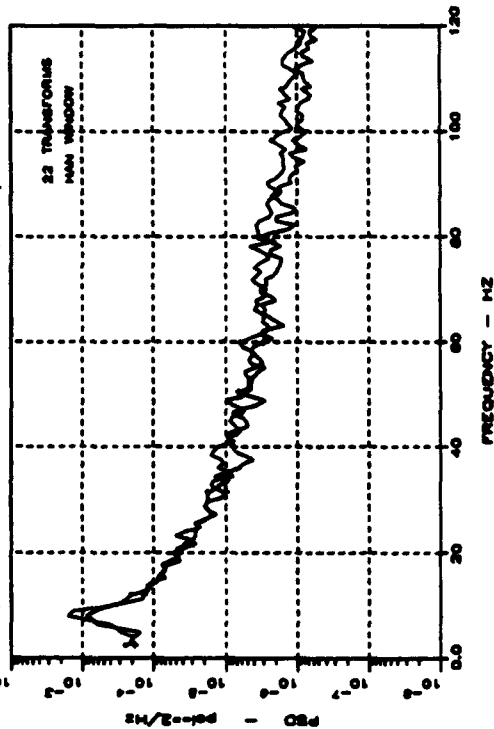
LOC 9 RMS = 0.0809 Record 76: Q-33 Alpha-36 Beta=-4 FENCE OFF  
 LOC 9 RMS = 0.0522 Record 128: Q-33 Alpha-36 Beta=-4 FENCE ON



F-18 Tail Buffet Test

Record 75: Q-33 Alpha-35 Beta-4 FENCE OFF  
Record 126: Q-33 Alpha-35 Beta-4 FENCE ON

LOC 16 RMS = 0.0830  
LOC 18 RMS = 0.0716



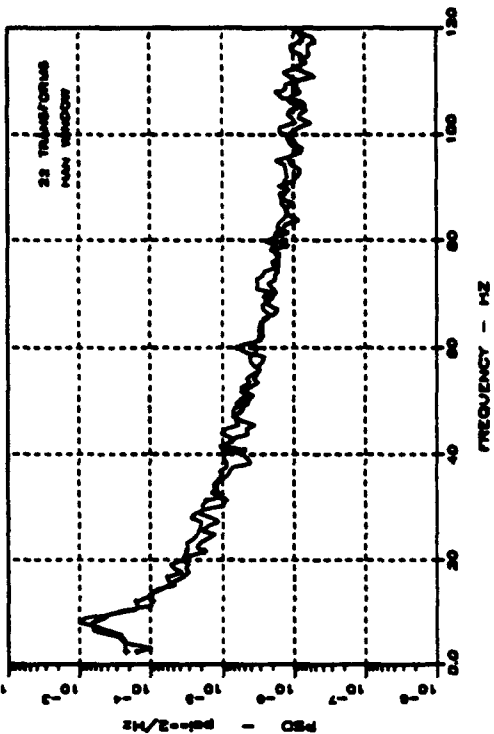
DELTA P = 0.796

FREQUENCY - HZ

F-18 Tail Buffet Test

Record 75: Q-33 Alpha-35 Beta-4 FENCE OFF  
Record 126: Q-33 Alpha-35 Beta-4 FENCE ON

LOC 16 RMS = 0.0868  
LOC 18 RMS = 0.0864



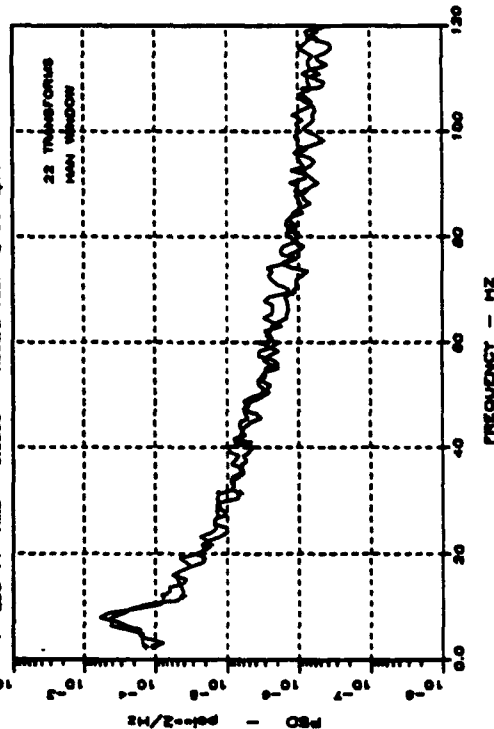
DELTA P = 0.796

FREQUENCY - HZ

F-18 Tail Buffet Test

Record 75: Q-33 Alpha-35 Beta-4 FENCE OFF  
Record 126: Q-33 Alpha-35 Beta-4 FENCE ON

LOC 14 RMS = 0.0844  
LOC 16 RMS = 0.0836



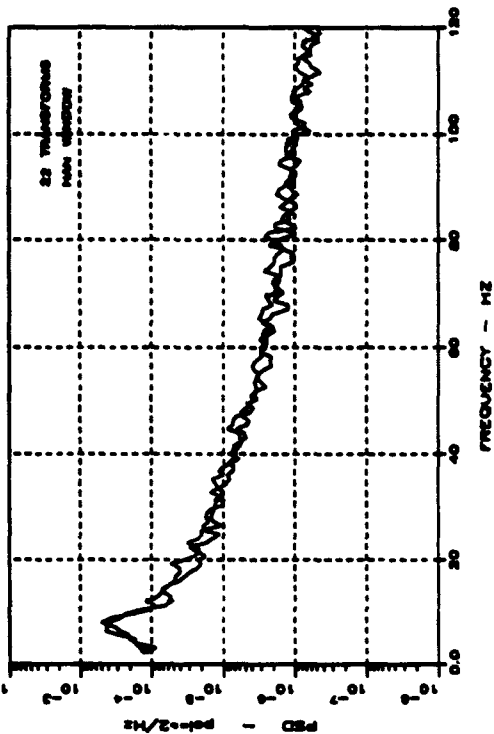
DELTA P = 0.796

FREQUENCY - HZ

F-18 Tail Buffet Test

Record 75: Q-33 Alpha-35 Beta-4 FENCE OFF  
Record 126: Q-33 Alpha-35 Beta-4 FENCE ON

LOC 13 RMS = 0.0868  
LOC 15 RMS = 0.0868

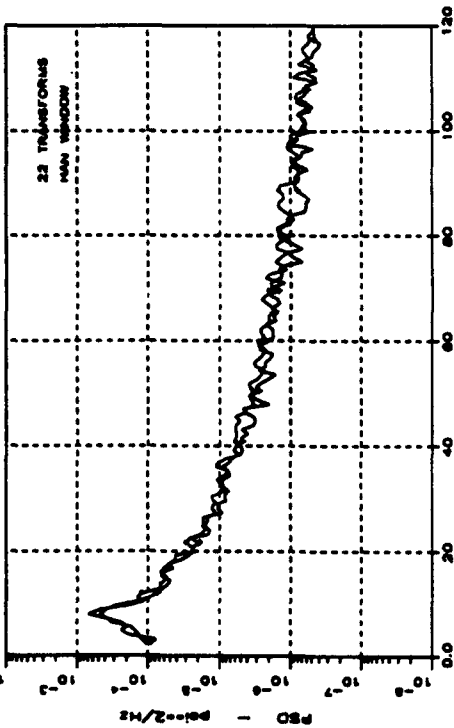


DELTA P = 0.796

FREQUENCY - HZ

# F-18 Tail Buffet Test

• LOC 20 RMS = 0.0860 Record 76: Q-33 Alpha-36 Beta=-4 FENCE OFF  
 • LOC 20 RMS = 0.0860 Record 126: Q-33 Alpha-36 Beta=-4 FENCE ON

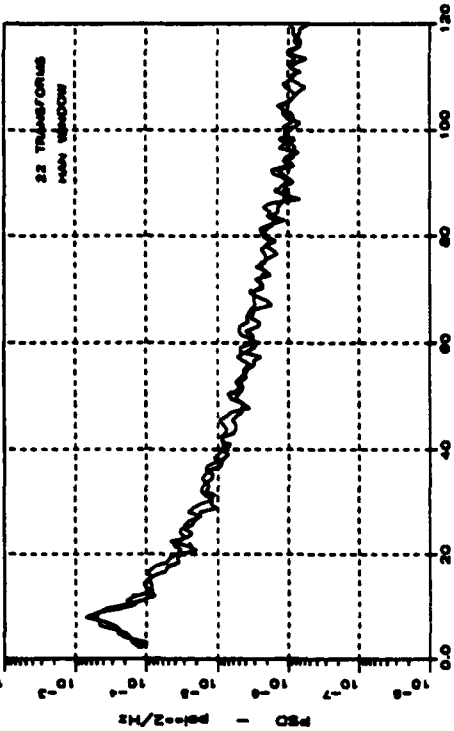


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

• LOC 19 RMS = 0.0833 Record 76: Q-33 Alpha-36 Beta=-4 FENCE OFF  
 • LOC 19 RMS = 0.0831 Record 126: Q-33 Alpha-36 Beta=-4 FENCE ON

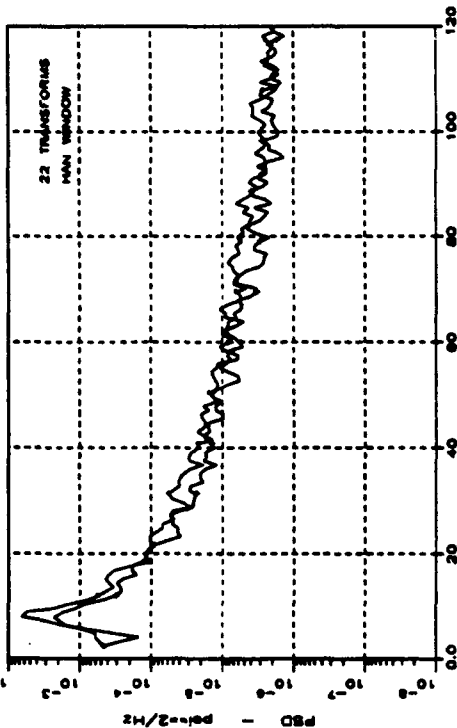


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

• LOC 18 RMS = 0.184 Record 76: Q-33 Alpha-36 Beta=-4 FENCE OFF  
 • LOC 18 RMS = 0.112 Record 126: Q-33 Alpha-36 Beta=-4 FENCE ON

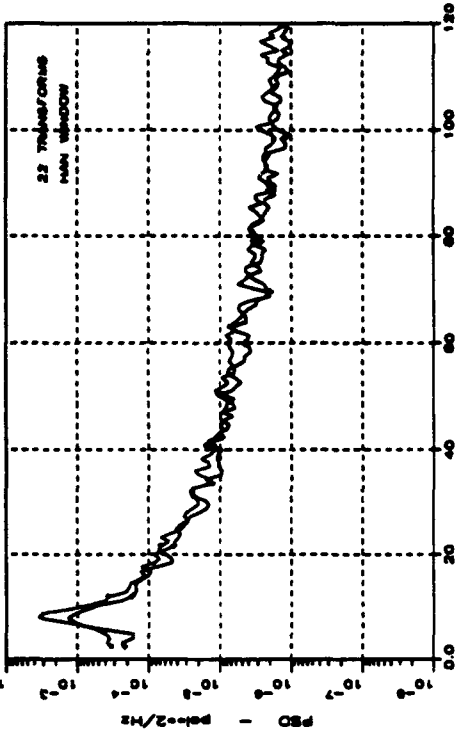


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

• LOC 17 RMS = 0.113 Record 76: Q-33 Alpha-36 Beta=-4 FENCE OFF  
 • LOC 17 RMS = 0.0866 Record 126: Q-33 Alpha-36 Beta=-4 FENCE ON

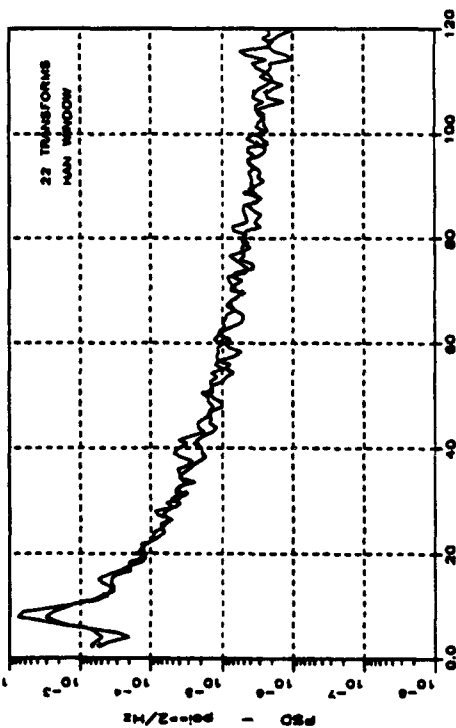


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

• LOC 24 RMS = 0.181 Record 76: Q-33 Alpha-35 Beta=-4 FENCE OFF  
• LOC 24 RMS = 0.126 Record 126: Q-33 Alpha-35 Beta=-4 FENCE ON

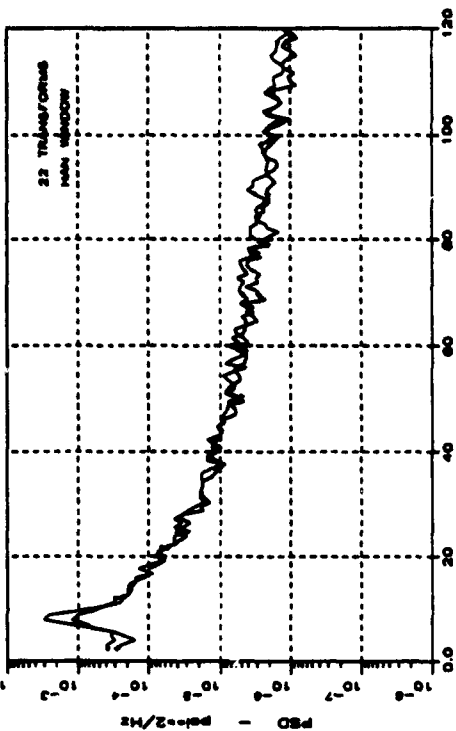


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

• LOC 23 RMS = 0.106 Record 76: Q-33 Alpha-35 Beta=-4 FENCE OFF  
• LOC 23 RMS = 0.0836 Record 126: Q-33 Alpha-35 Beta=-4 FENCE ON

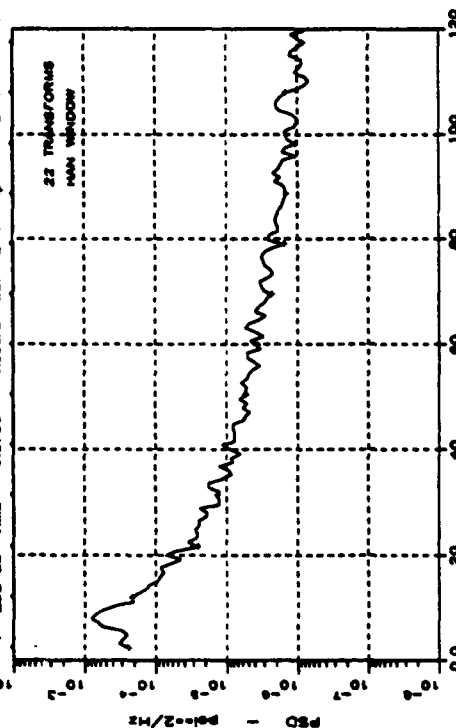


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

• LOC 22 RMS = 0.073 Record 76: Q-33 Alpha-35 Beta=-4 FENCE OFF  
• LOC 22 RMS = 0.0796 Record 126: Q-33 Alpha-35 Beta=-4 FENCE ON

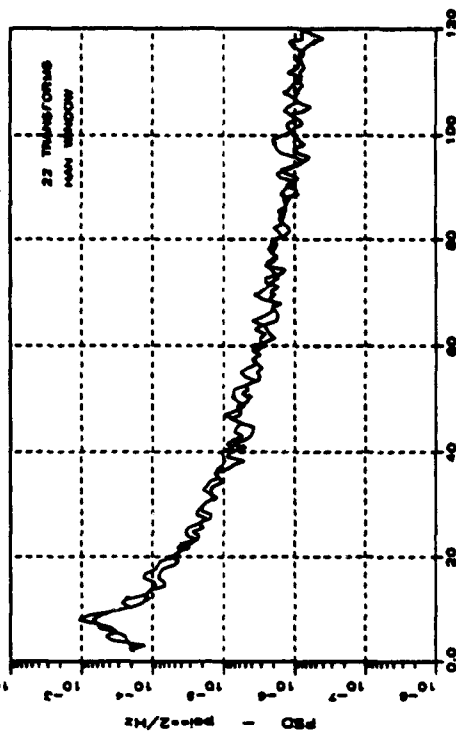


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

• LOC 21 RMS = 0.0766 Record 76: Q-33 Alpha-35 Beta=-4 FENCE OFF  
• LOC 21 RMS = 0.0882 Record 126: Q-33 Alpha-35 Beta=-4 FENCE ON

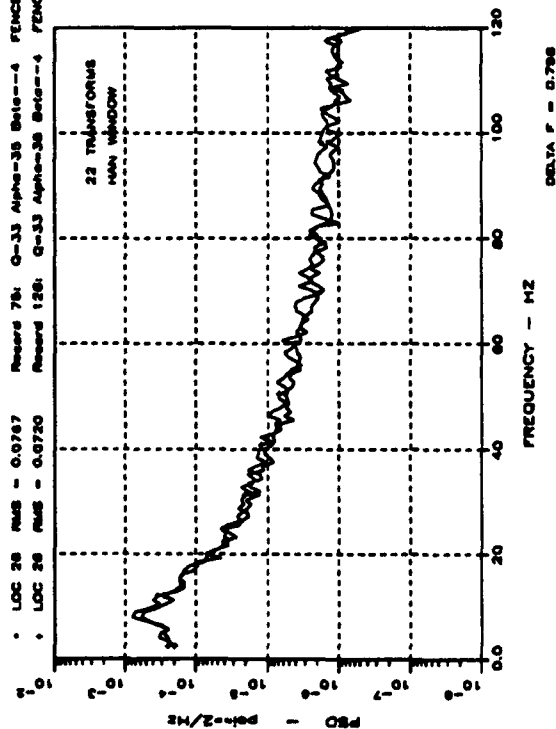


FREQUENCY - HZ

DELTA F = 0.798

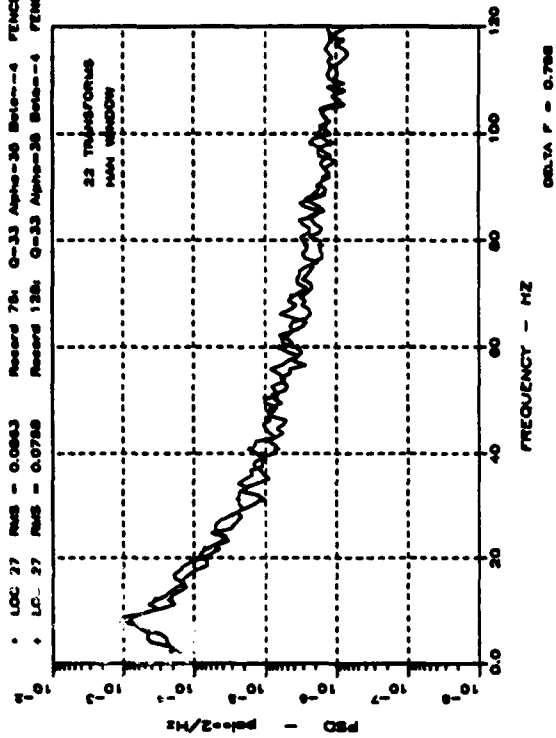
# F-16 Tail Buffet Test

• LOC 26 RMS = 0.0767 Record 75: Q-33 Alpha-35 Beta=-4 FENCE OFF  
 • LOC 26 RMS = 0.0720 Record 126: Q-33 Alpha-35 Beta=-4 FENCE ON



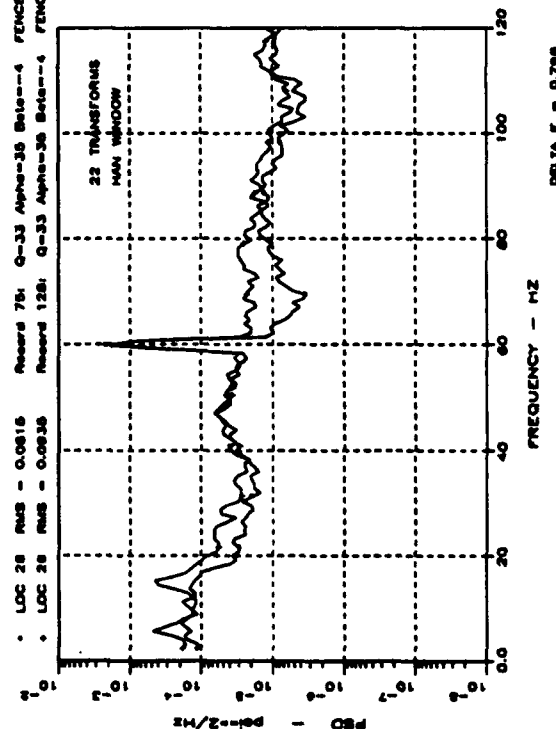
# F-16 Tail Buffet Test

• LOC 27 RMS = 0.0863 Record 75: Q-33 Alpha-35 Beta=-4 FENCE OFF  
 • LOC 27 RMS = 0.0798 Record 126: Q-33 Alpha-35 Beta=-4 FENCE ON



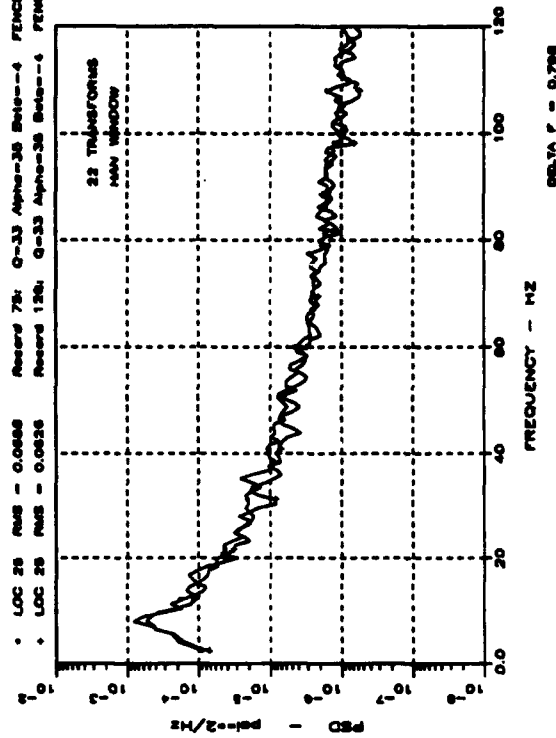
# F-16 Tail Buffet Test

• LOC 26 RMS = 0.0816 Record 75: Q-33 Alpha-35 Beta=-4 FENCE OFF  
 • LOC 26 RMS = 0.0836 Record 126: Q-33 Alpha-35 Beta=-4 FENCE ON



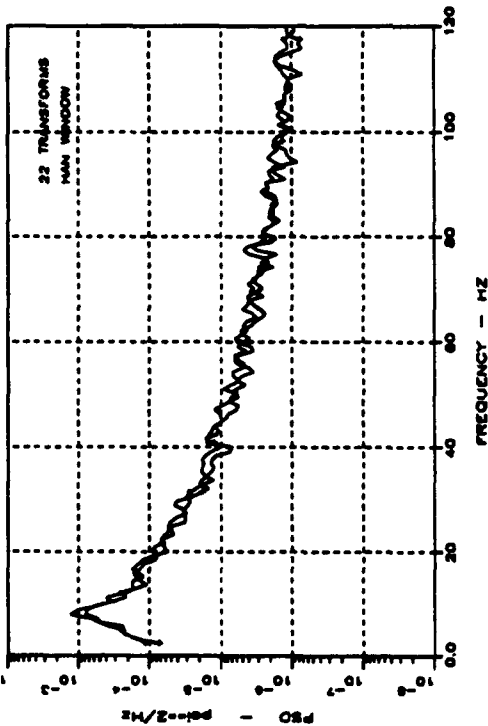
# F-16 Tail Buffet Test

• LOC 26 RMS = 0.0866 Record 75: Q-33 Alpha-35 Beta=-4 FENCE OFF  
 • LOC 26 RMS = 0.0836 Record 126: Q-33 Alpha-35 Beta=-4 FENCE ON



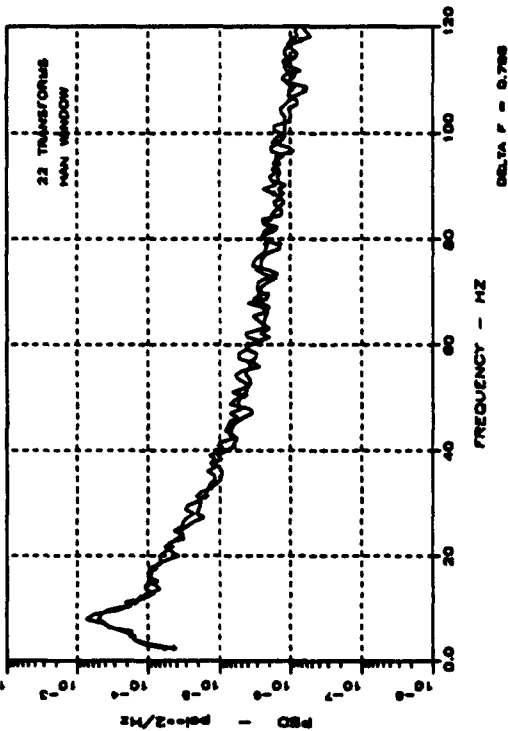
F-16 Tail Buffet Test

• LOC 32 RMS = 0.0833 Record 76: Q=33 Alpha=35 Beta=-4 FENCE OFF  
• LOC 32 RMS = 0.0762 Record 126: Q=33 Alpha=35 Beta=-4 FENCE ON



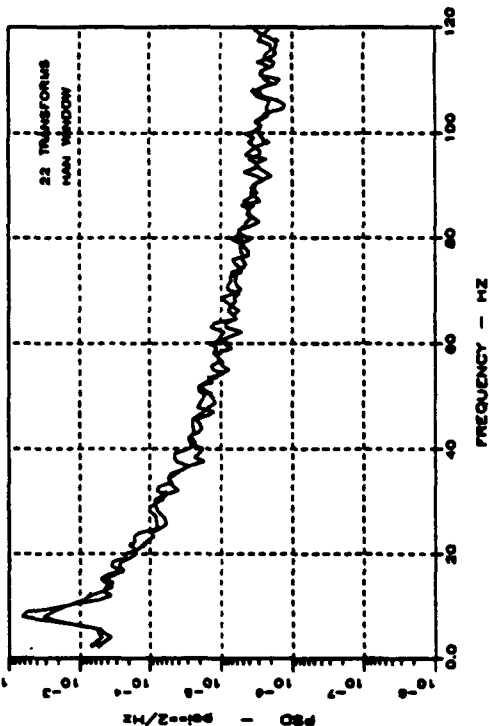
F-16 Tail Buffet Test

• LOC 31 RMS = 0.0849 Record 76: Q=33 Alpha=35 Beta=-4 FENCE OFF  
• LOC 31 RMS = 0.0829 Record 126: Q=33 Alpha=35 Beta=-4 FENCE ON



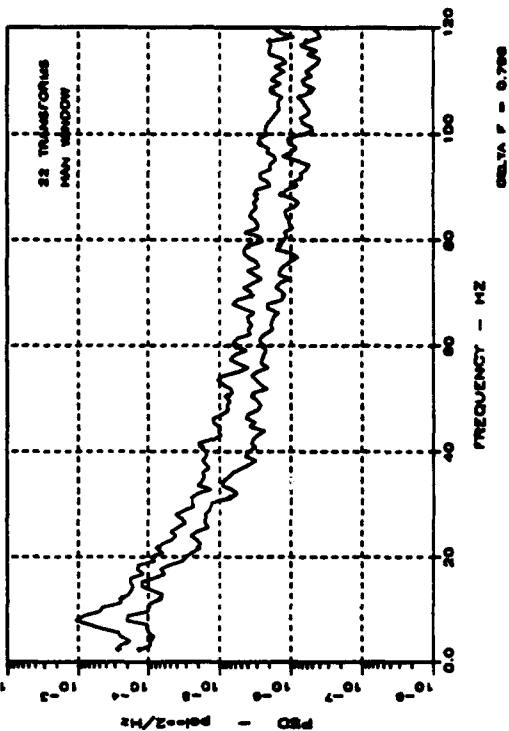
F-16 Tail Buffet Test

• LOC 30 RMS = 0.183 Record 76: Q=33 Alpha=35 Beta=-4 FENCE OFF  
• LOC 30 RMS = 0.132 Record 126: Q=33 Alpha=35 Beta=-4 FENCE ON



F-16 Tail Buffet Test

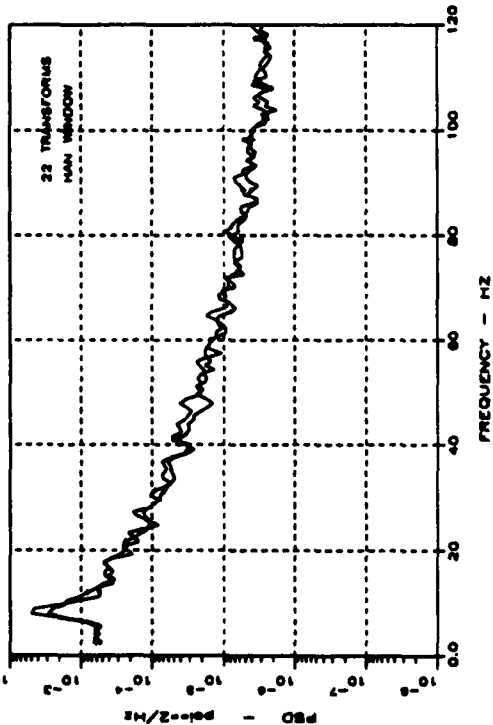
• LOC 29 RMS = 0.0462 Record 76: Q=33 Alpha=35 Beta=-4 FENCE OFF  
• LOC 29 RMS = 0.0819 Record 126: Q=33 Alpha=35 Beta=-4 FENCE ON





F-16 Tail Buffet Test

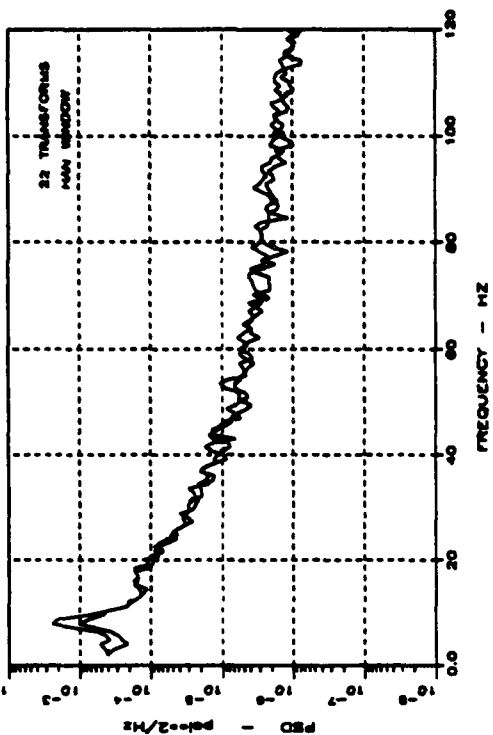
• LOC 36 RMS = 0.147 Record 75: Q-33 Alpha-35 Beta=-4 FENCE OFF  
• LOC 36 RMS = 0.136 Record 128: Q-33 Alpha-35 Beta=-4 FENCE ON



DELTA F = 0.798

F-16 Tail Buffet Test

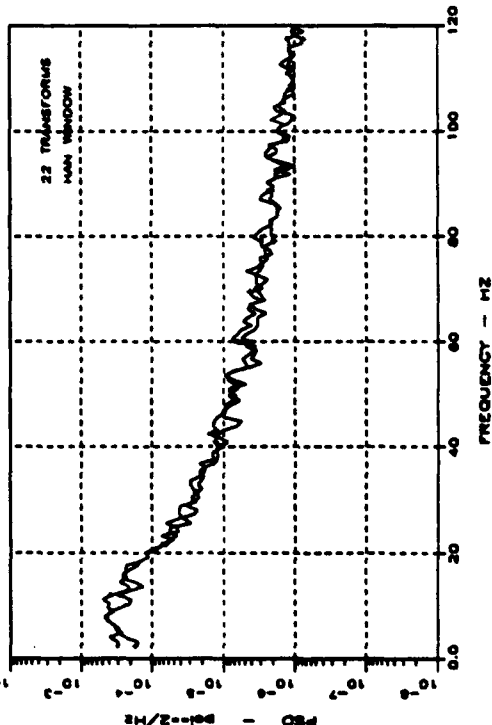
• LOC 36 RMS = 0.100 Record 75: Q-33 Alpha-35 Beta=-4 FENCE OFF  
• LOC 36 RMS = 0.0803 Record 128: Q-33 Alpha-35 Beta=-4 FENCE ON



DELTA F = 0.798

F-16 Tail Buffet Test

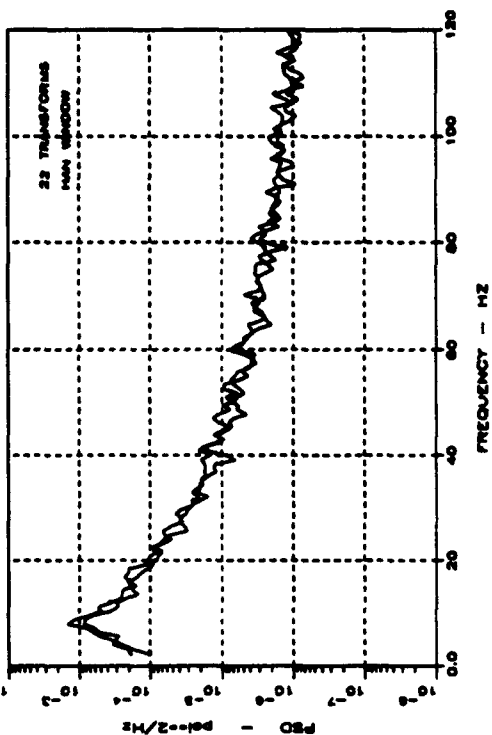
• LOC 34 RMS = 0.0807 Record 75: Q-33 Alpha-35 Beta=-4 FENCE OFF  
• LOC 34 RMS = 0.0737 Record 128: Q-33 Alpha-35 Beta=-4 FENCE ON



DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 33 RMS = 0.0834 Record 75: Q-33 Alpha-35 Beta=-4 FENCE OFF  
• LOC 33 RMS = 0.0814 Record 128: Q-33 Alpha-35 Beta=-4 FENCE ON

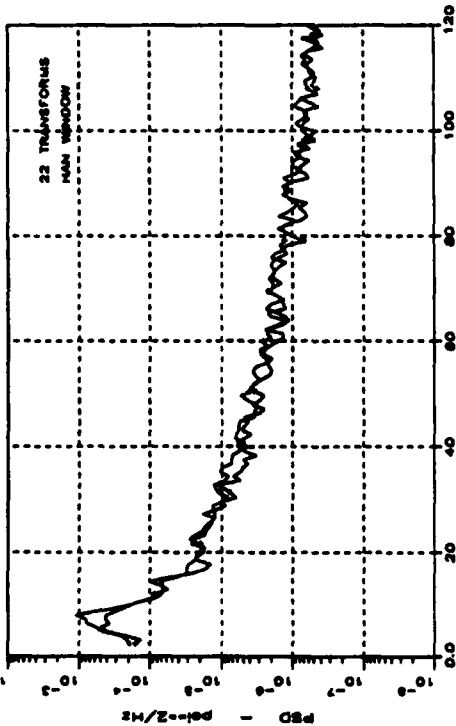


DELTA F = 0.798



# F-16 Tail Buffet Test

LOC 4 RMS = 0.0713 Record 74: Q-33 Alpha-35 Beta--2 FENCE OFF  
LOC 4 RMS = 0.0893 Record 126: Q-33 Alpha-35 Beta--2 FENCE ON

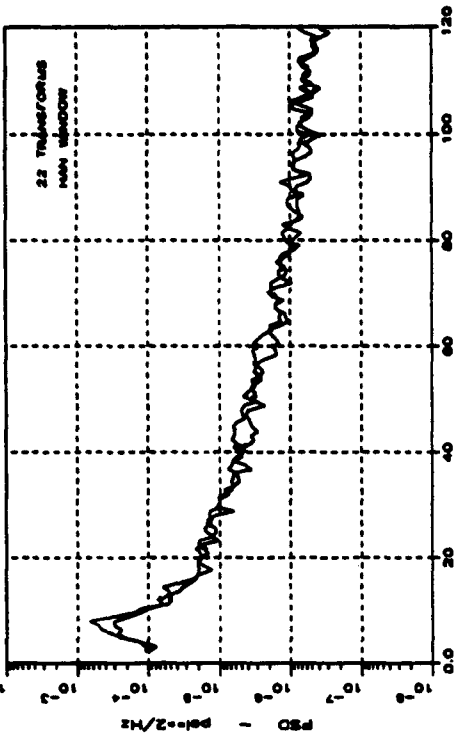


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 3 RMS = 0.0891 Record 74: Q-33 Alpha-35 Beta--2 FENCE OFF  
LOC 3 RMS = 0.0486 Record 126: Q-33 Alpha-35 Beta--2 FENCE ON

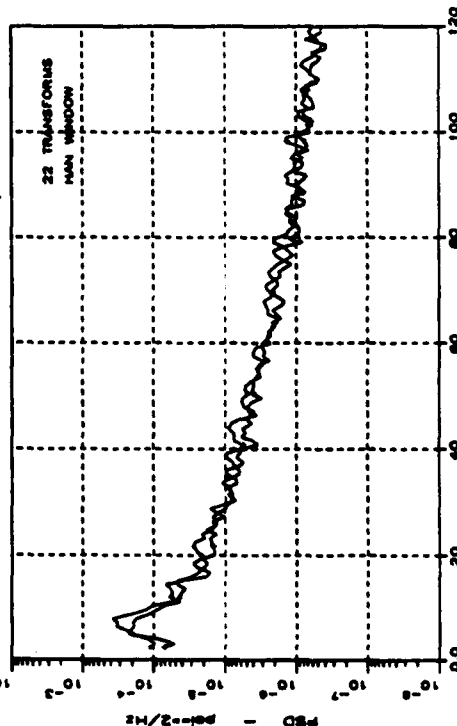


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 2 RMS = 0.0803 Record 74: Q-33 Alpha-35 Beta--2 FENCE OFF  
LOC 2 RMS = 0.0437 Record 126: Q-33 Alpha-35 Beta--2 FENCE ON

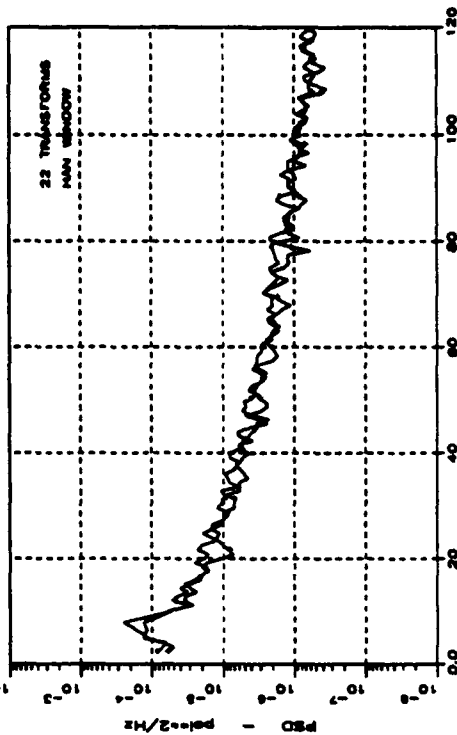


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 1 RMS = 0.0408 Record 74: Q-33 Alpha-35 Beta--2 FENCE OFF  
LOC 1 RMS = 0.0373 Record 126: Q-33 Alpha-35 Beta--2 FENCE ON

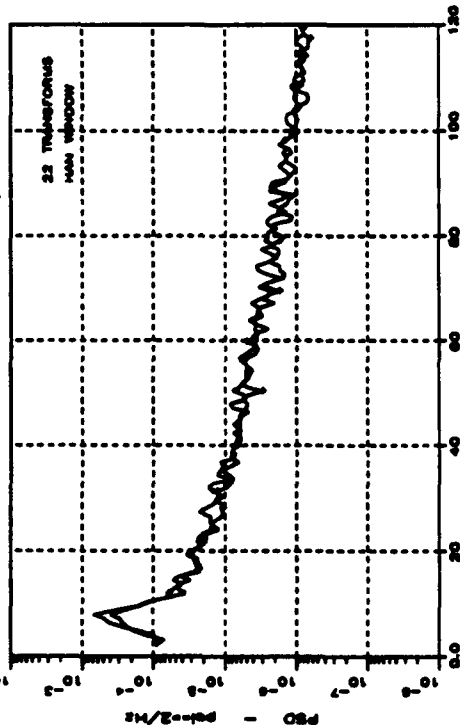


FREQUENCY - HZ

DELTA F = 0.798

F-18 Test Buffer Test

LOC 6 RMS = 0.0063 Record 74: Q-33 Alpha-35 Beta--2 FENCE OFF  
LOC 8 RMS = 0.0068 Record 126: Q-33 Alpha-35 Beta--2 FENCE ON

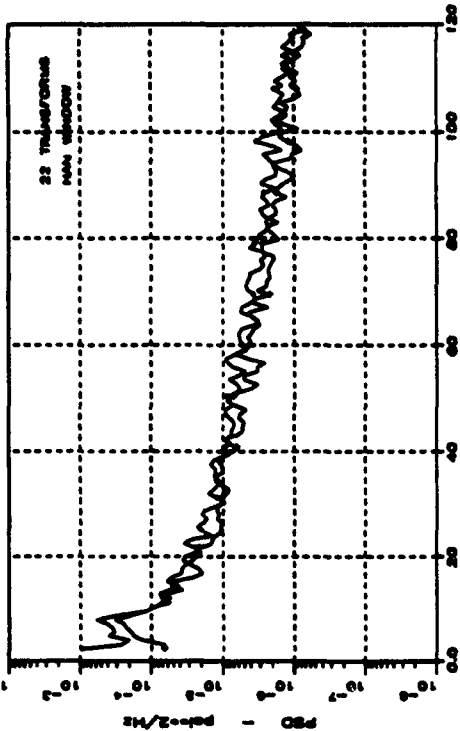


FREQUENCY - HZ

DELTA F = 0.700

F-18 Test Buffer Test

LOC 7 RMS = 0.0066 Record 74: Q-33 Alpha-35 Beta--2 FENCE OFF  
LOC 8 RMS = 0.0480 Record 126: Q-33 Alpha-35 Beta--2 FENCE ON

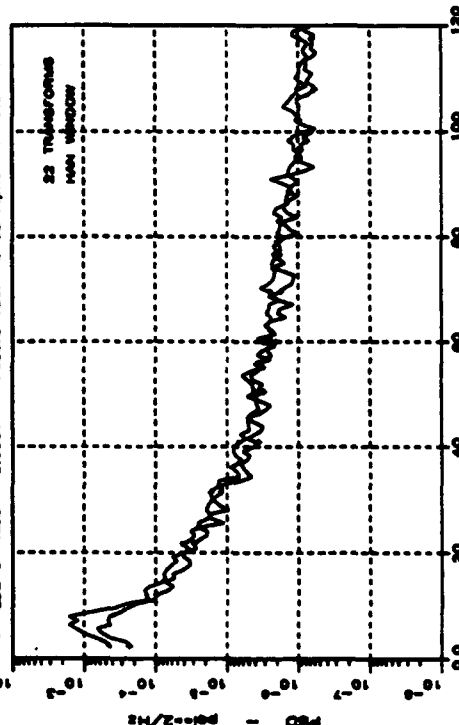


FREQUENCY - HZ

DELTA F = 0.700

F-18 Test Buffer Test

LOC 6 RMS = 0.0066 Record 74: Q-33 Alpha-35 Beta--2 FENCE OFF  
LOC 8 RMS = 0.0061 Record 126: Q-33 Alpha-35 Beta--2 FENCE ON

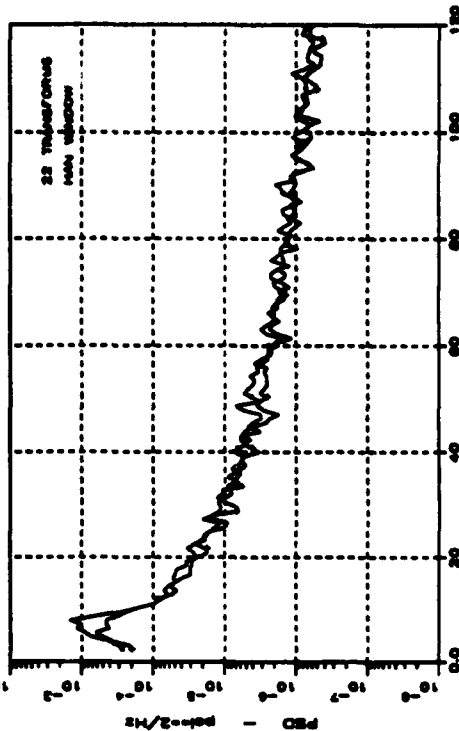


FREQUENCY - HZ

DELTA F = 0.700

F-18 Test Buffer Test

LOC 6 RMS = 0.0064 Record 74: Q-33 Alpha-35 Beta--2 FENCE OFF  
LOC 8 RMS = 0.0334 Record 126: Q-33 Alpha-35 Beta--2 FENCE ON

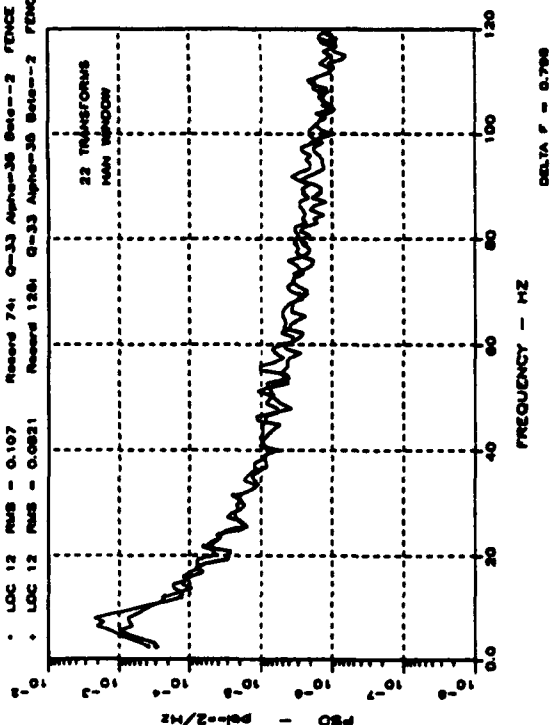


FREQUENCY - HZ

DELTA F = 0.700

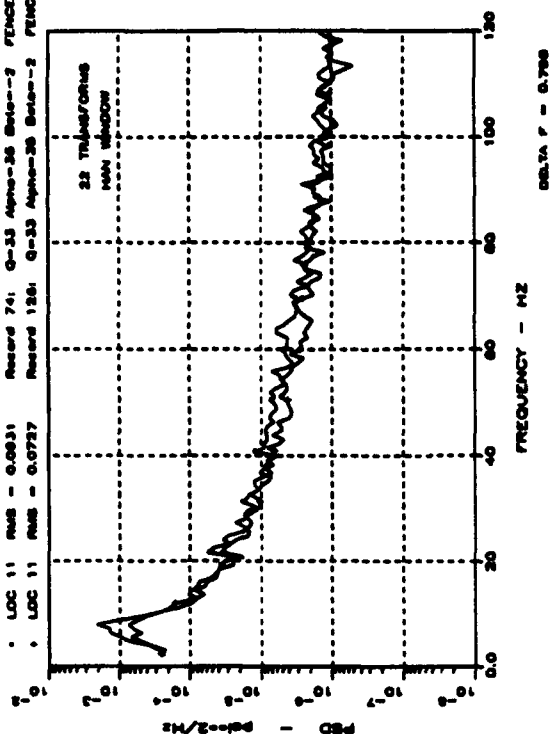
# F-16 Tail Buffet Test

LOC 12 RMS = 0.107 Record 74: Q-33 Alpha-35 Beta=-2 FENCE OFF  
LOC 12 RMS = 0.0821 Record 126: Q-33 Alpha-35 Beta=-2 FENCE ON



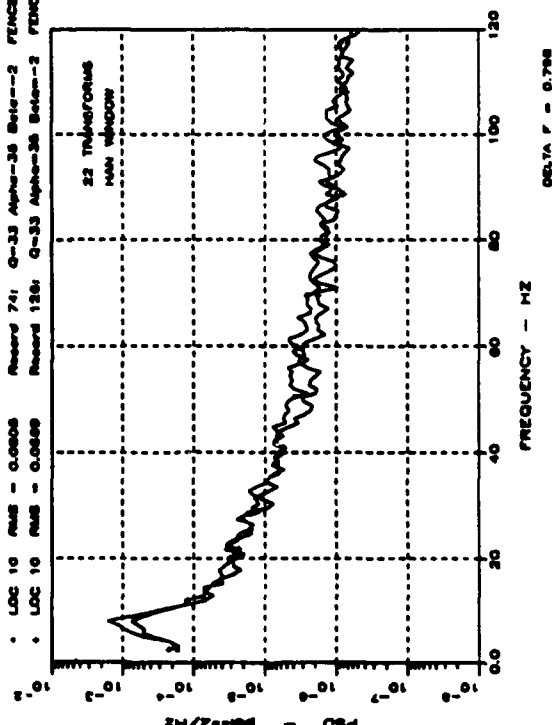
# F-16 Tail Buffet Test

LOC 11 RMS = 0.0931 Record 74: Q-33 Alpha-35 Beta=-2 FENCE OFF  
LOC 11 RMS = 0.0727 Record 126: Q-33 Alpha-35 Beta=-2 FENCE ON



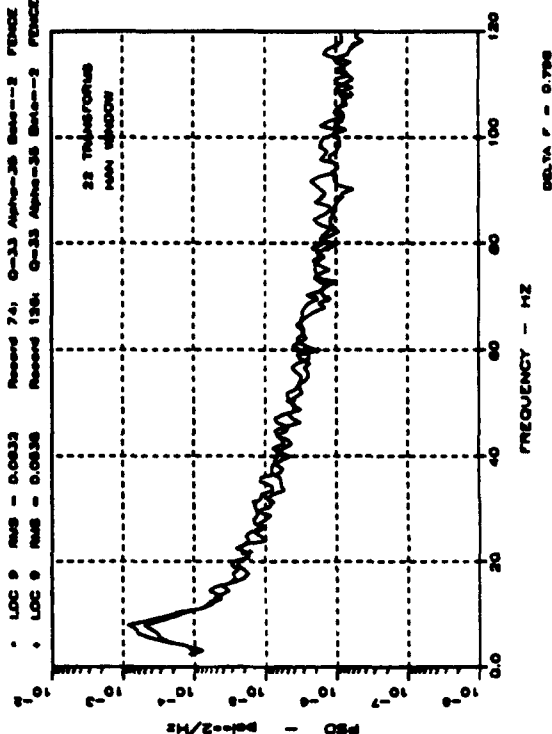
# F-16 Tail Buffet Test

LOC 10 RMS = 0.0808 Record 74: Q-33 Alpha-35 Beta=-2 FENCE OFF  
LOC 10 RMS = 0.0609 Record 126: Q-33 Alpha-35 Beta=-2 FENCE ON



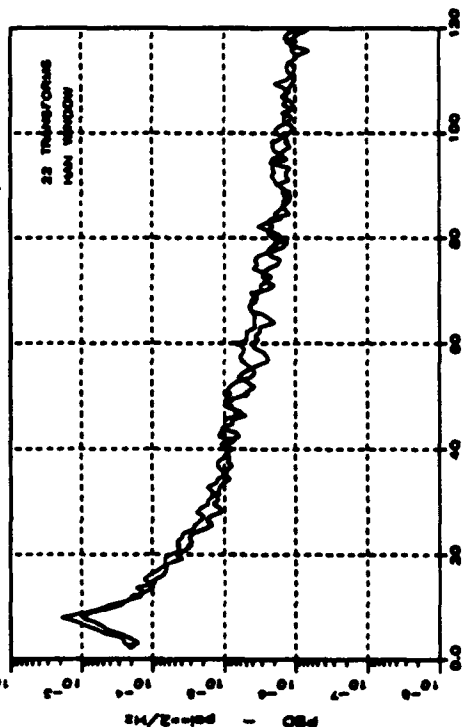
# F-16 Tail Buffet Test

LOC 9 RMS = 0.0832 Record 74: Q-33 Alpha-35 Beta=-2 FENCE OFF  
LOC 9 RMS = 0.0638 Record 126: Q-33 Alpha-35 Beta=-2 FENCE ON



# F-16 Tail Buffet Test

LOC 16 RMS = 0.0002 Record 74: Q-33 Alpha-26 Beta-2 FENCE OFF  
LOC 16 RMS = 0.0744 Record 126: Q-33 Alpha-26 Beta-2 FENCE ON

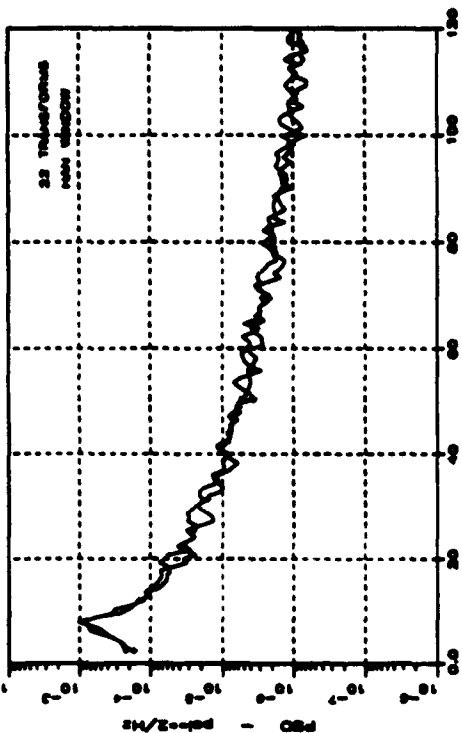


FREQUENCY - HZ

DELTA F = 0.700

# F-16 Tail Buffet Test

LOC 16 RMS = 0.0750 Record 74: Q-33 Alpha-26 Beta-2 FENCE OFF  
LOC 16 RMS = 0.0713 Record 126: Q-33 Alpha-26 Beta-2 FENCE ON

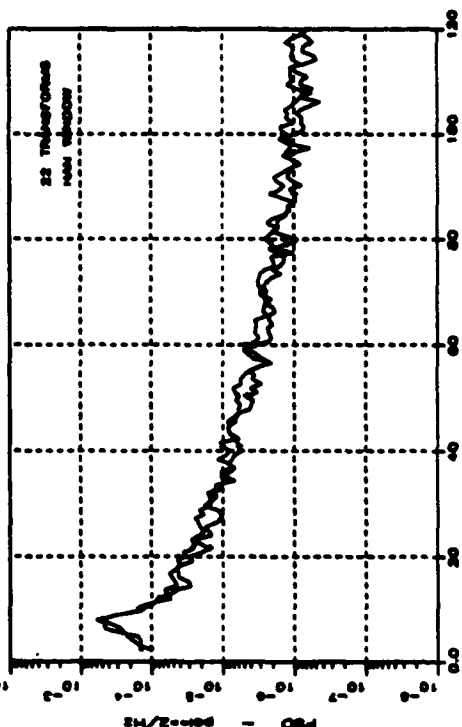


FREQUENCY - HZ

DELTA F = 0.700

# F-16 Tail Buffet Test

LOC 14 RMS = 0.0001 Record 74: Q-33 Alpha-26 Beta-2 FENCE OFF  
LOC 14 RMS = 0.0046 Record 126: Q-33 Alpha-26 Beta-2 FENCE ON

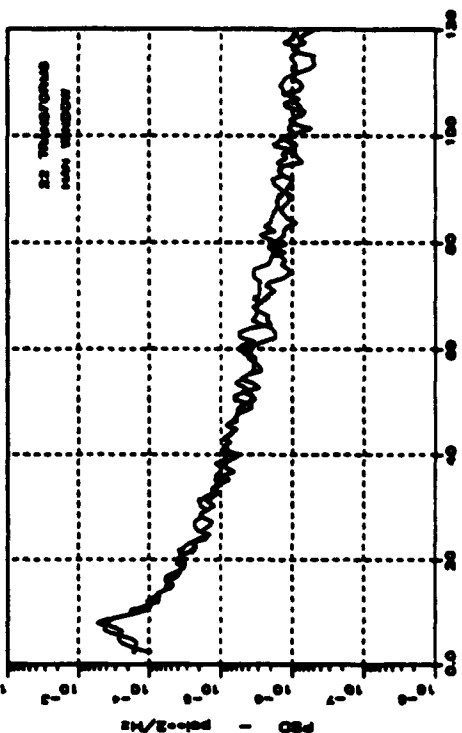


FREQUENCY - HZ

DELTA F = 0.700

# F-16 Tail Buffet Test

LOC 12 RMS = 0.0004 Record 74: Q-33 Alpha-26 Beta-2 FENCE OFF  
LOC 12 RMS = 0.0001 Record 126: Q-33 Alpha-26 Beta-2 FENCE ON

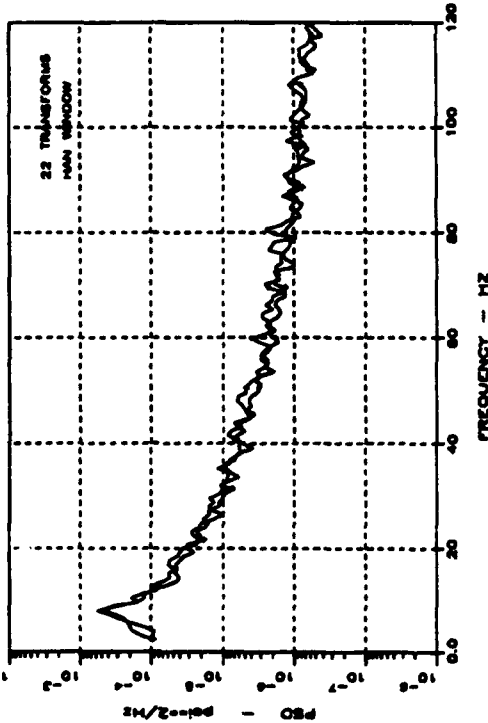


FREQUENCY - HZ

DELTA F = 0.700

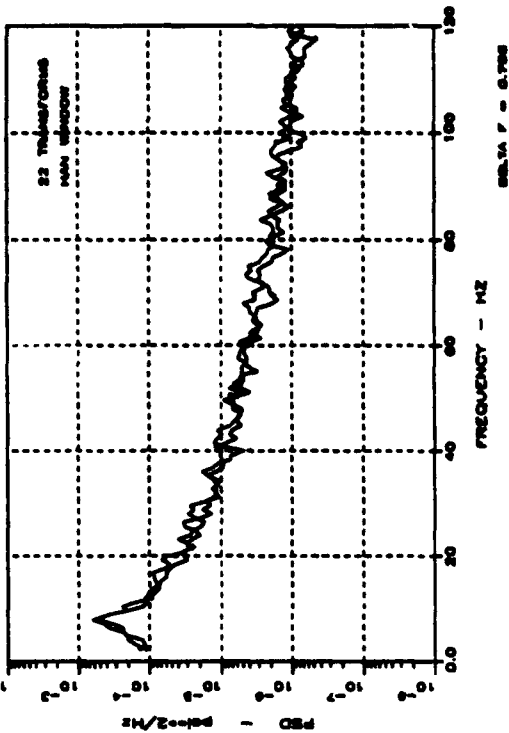
F-16 Test Buffet Test

LOC 20 RMS = 0.0046 Record 74: Q-33 Alpha-35 Beta-2 FENCE OFF  
LOC 20 RMS = 0.0041 Record 126: Q-33 Alpha-35 Beta-2 FENCE ON



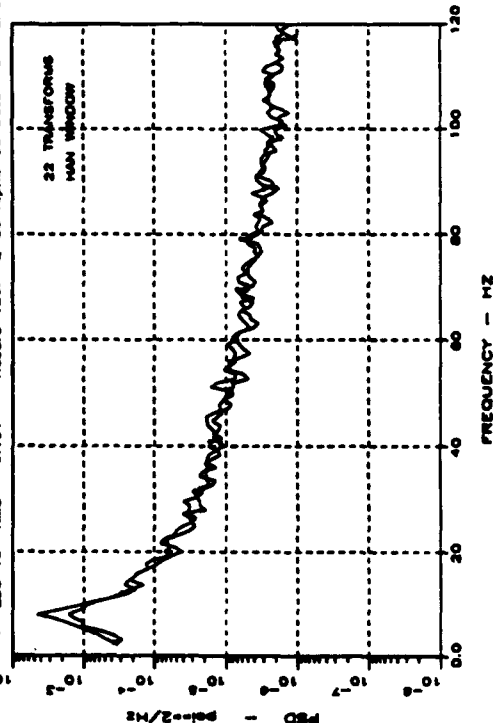
F-16 Test Buffet Test

LOC 19 RMS = 0.0036 Record 74: Q-33 Alpha-35 Beta-2 FENCE OFF  
LOC 19 RMS = 0.0036 Record 126: Q-33 Alpha-35 Beta-2 FENCE ON



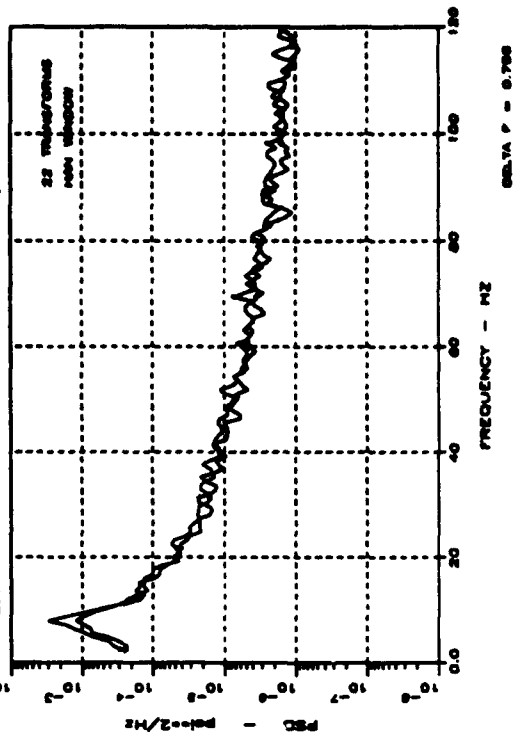
F-16 Test Buffet Test

LOC 18 RMS = 0.126 Record 74: Q-33 Alpha-35 Beta-2 FENCE OFF  
LOC 18 RMS = 0.101 Record 126: Q-33 Alpha-35 Beta-2 FENCE ON



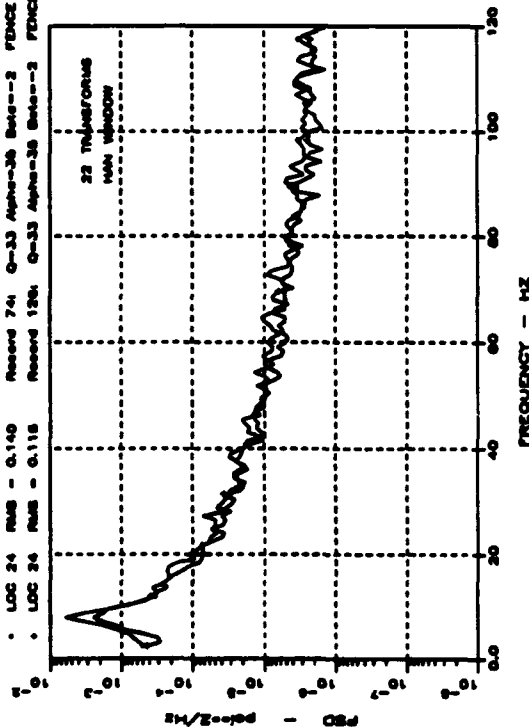
F-16 Test Buffet Test

LOC 17 RMS = 0.106 Record 74: Q-33 Alpha-35 Beta-2 FENCE OFF  
LOC 17 RMS = 0.0952 Record 126: Q-33 Alpha-35 Beta-2 FENCE ON



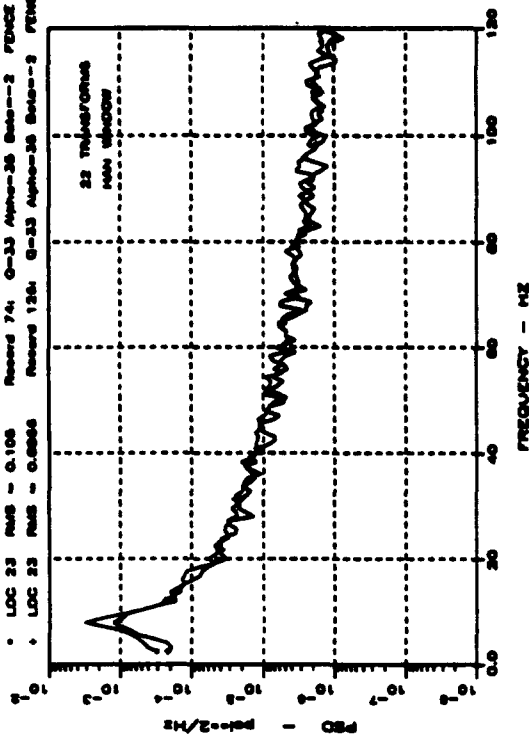
# F-16 Tail Buffet Test

• LOC 24 RMS = 0.140 Record 74: Q-33 Alpha-36 Beta--2 FENCE OFF  
 • LOC 24 RMS = 0.115 Record 124: Q-33 Alpha-36 Beta--2 FENCE ON



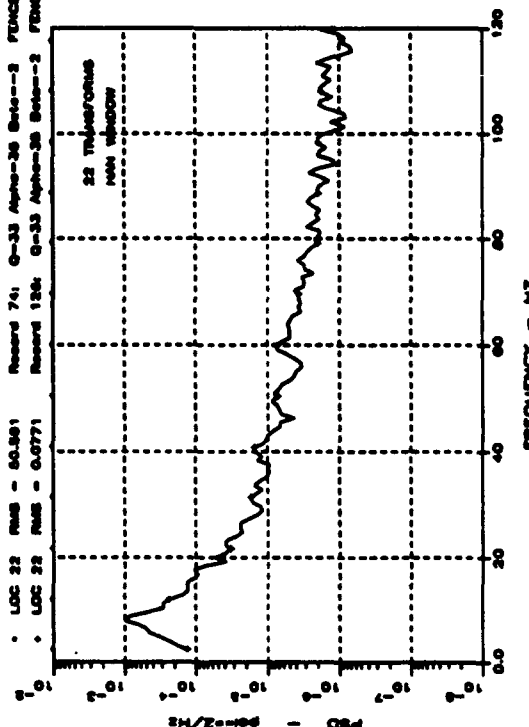
# F-16 Tail Buffet Test

• LOC 23 RMS = 0.108 Record 74: Q-33 Alpha-36 Beta--2 FENCE OFF  
 • LOC 23 RMS = 0.0865 Record 124: Q-33 Alpha-36 Beta--2 FENCE ON



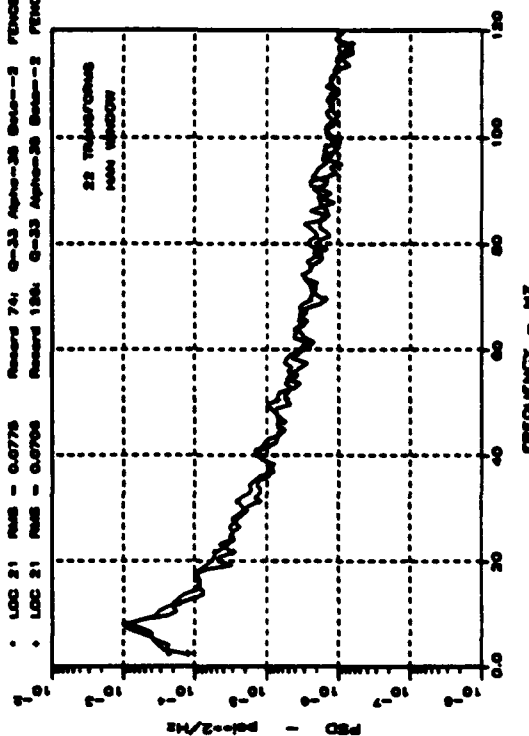
# F-16 Tail Buffet Test

• LOC 22 RMS = 0.0861 Record 74: Q-33 Alpha-36 Beta--2 FENCE OFF  
 • LOC 22 RMS = 0.0771 Record 124: Q-33 Alpha-36 Beta--2 FENCE ON



# F-16 Tail Buffet Test

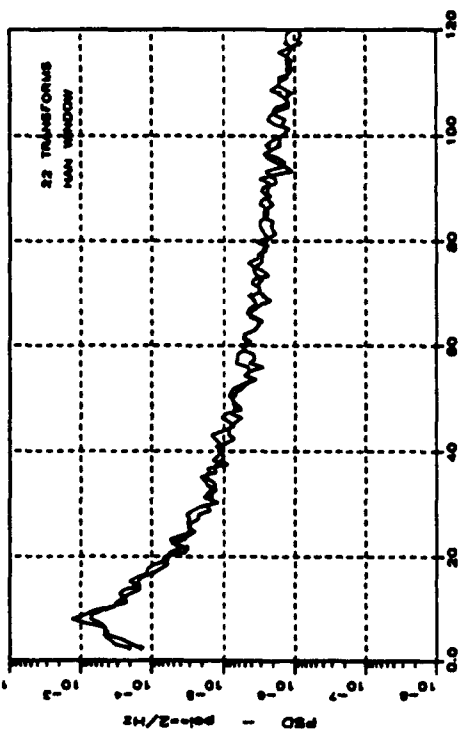
• LOC 21 RMS = 0.0775 Record 74: Q-33 Alpha-36 Beta--2 FENCE OFF  
 • LOC 21 RMS = 0.0708 Record 124: Q-33 Alpha-36 Beta--2 FENCE ON





# F-18 Tail Buffet Test

LOC 26 RMS = 0.0851 Record 74: Q-33 Alpha-36 Beta-2 FENCE OFF  
LOC 36 RMS = 0.0777 Record 126: Q-33 Alpha-36 Beta-2 FENCE ON

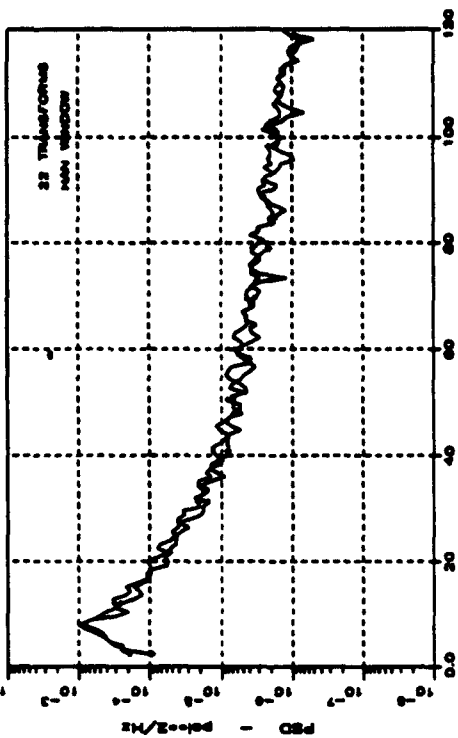


FREQUENCY - HZ

DELTA F = 0.7968

# F-18 Tail Buffet Test

LOC 27 RMS = 0.0837 Record 74: Q-33 Alpha-36 Beta-2 FENCE OFF  
LOC 37 RMS = 0.0799 Record 126: Q-33 Alpha-36 Beta-2 FENCE ON

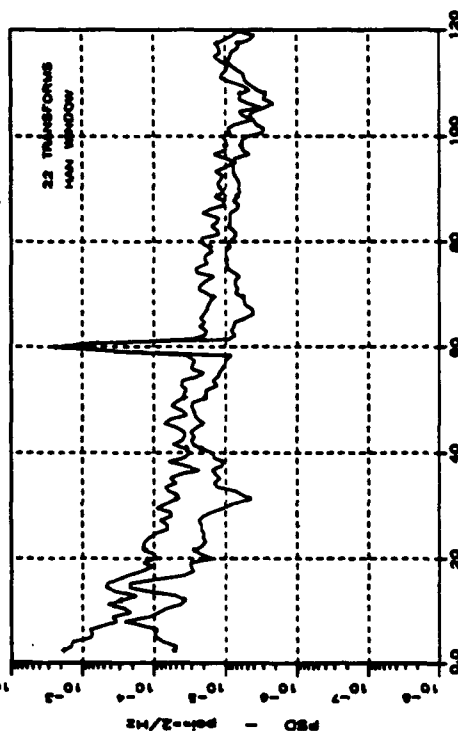


FREQUENCY - HZ

DELTA F = 0.7968

# F-18 Tail Buffet Test

LOC 26 RMS = 0.0746 Record 74: Q-33 Alpha-36 Beta-2 FENCE OFF  
LOC 36 RMS = 0.121 Record 126: Q-33 Alpha-36 Beta-2 FENCE ON

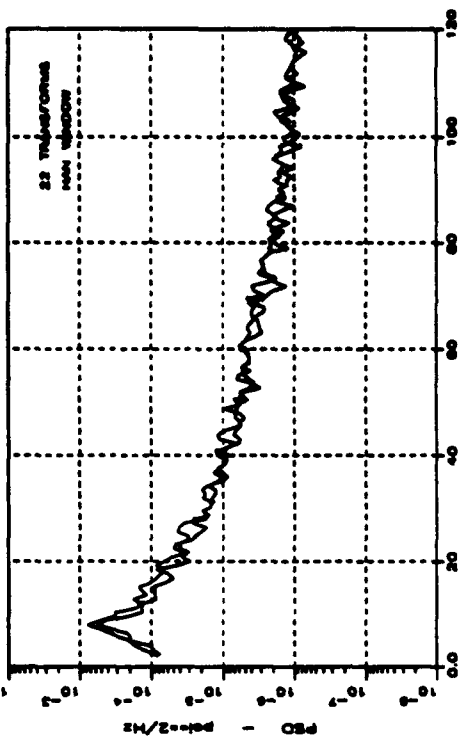


FREQUENCY - HZ

DELTA F = 0.7968

# F-18 Tail Buffet Test

LOC 26 RMS = 0.0860 Record 74: Q-33 Alpha-36 Beta-2 FENCE OFF  
LOC 36 RMS = 0.0887 Record 126: Q-33 Alpha-36 Beta-2 FENCE ON

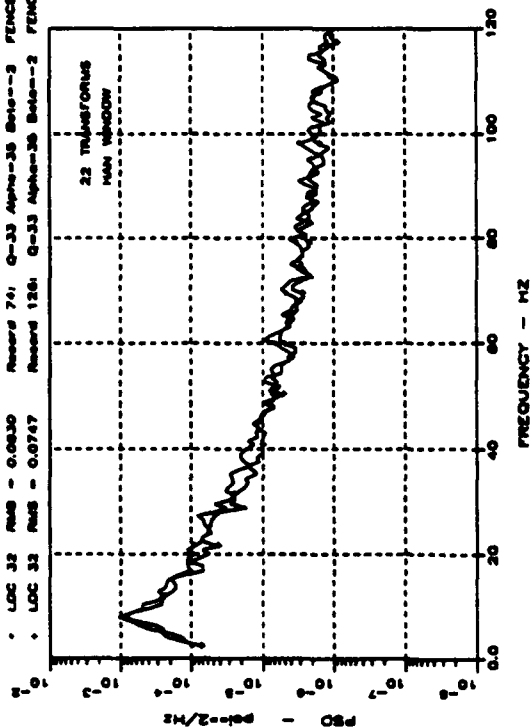


FREQUENCY - HZ

DELTA F = 0.7968

# F-18 Tail Buffet Test

• LOC 32 RMS = 0.0830 Record 74: Q-33 Alpha-35 Beta-2 FENCE OFF  
 • LOC 32 RMS = 0.0747 Record 126: Q-33 Alpha-35 Beta-2 FENCE ON

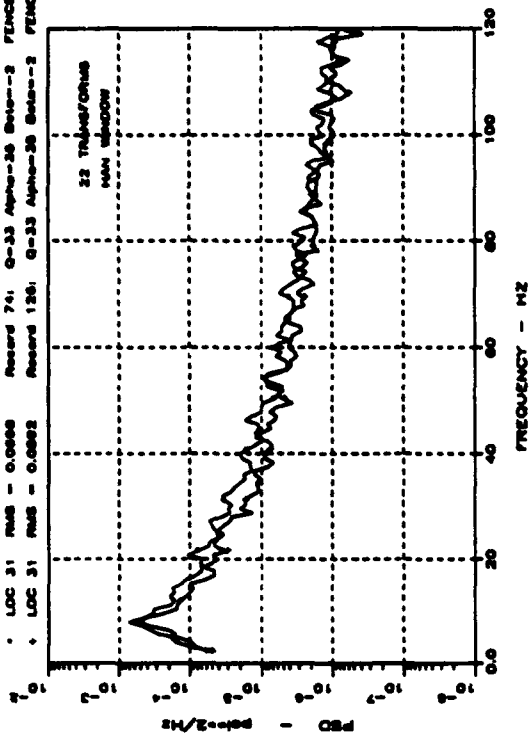


FREQUENCY - HZ

DELTA F = 0.796

# F-18 Tail Buffet Test

• LOC 31 RMS = 0.0888 Record 74: Q-33 Alpha-35 Beta-2 FENCE OFF  
 • LOC 31 RMS = 0.0892 Record 126: Q-33 Alpha-35 Beta-2 FENCE ON

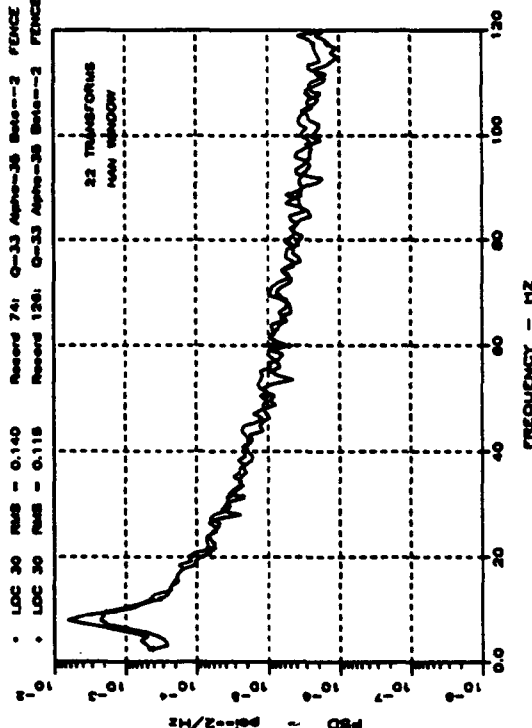


FREQUENCY - HZ

DELTA F = 0.796

# F-18 Tail Buffet Test

• LOC 30 RMS = 0.140 Record 74: Q-33 Alpha-35 Beta-2 FENCE OFF  
 • LOC 30 RMS = 0.118 Record 126: Q-33 Alpha-35 Beta-2 FENCE ON

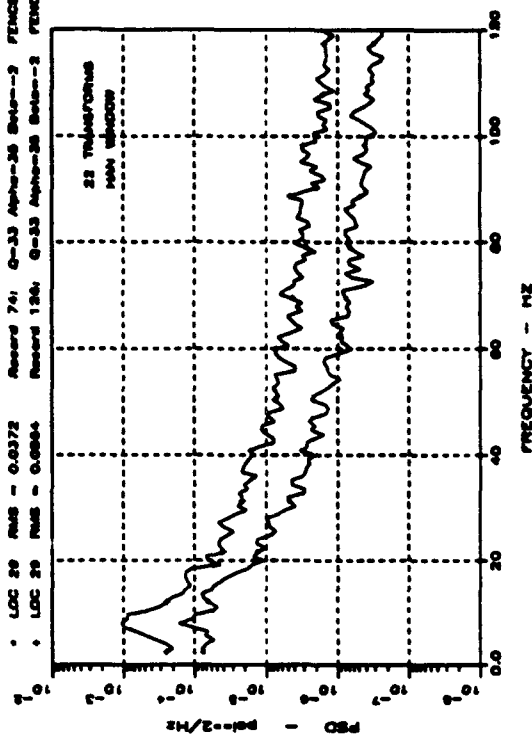


FREQUENCY - HZ

DELTA F = 0.796

# F-18 Tail Buffet Test

• LOC 29 RMS = 0.0372 Record 74: Q-33 Alpha-35 Beta-2 FENCE OFF  
 • LOC 29 RMS = 0.0364 Record 126: Q-33 Alpha-35 Beta-2 FENCE ON

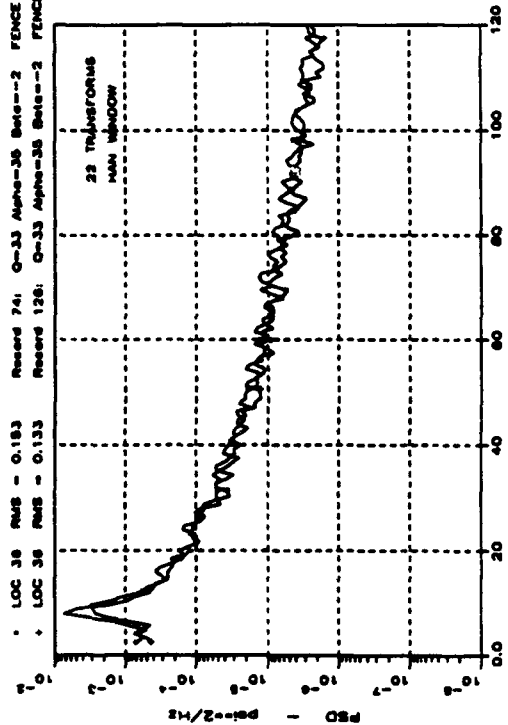


FREQUENCY - HZ

DELTA F = 0.796

# F-16 Tail Buffet Test

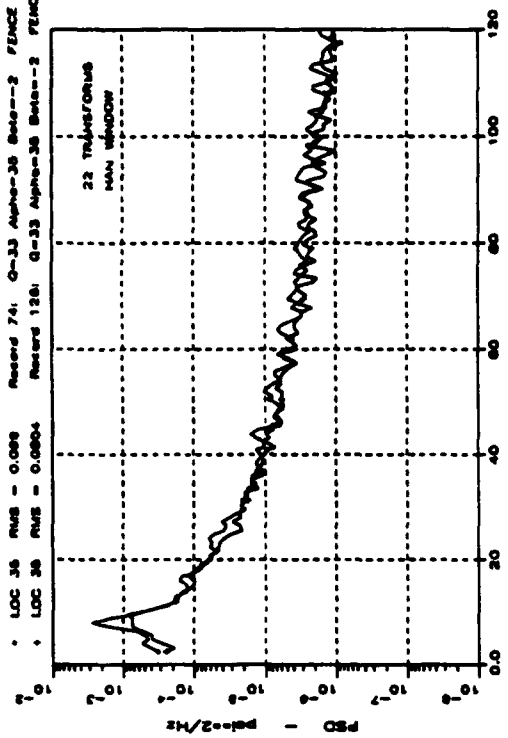
LOC 36 RMS = 0.183 Record 74: Q-33 Alpha-36 Beta=-2 FENCE OFF  
LOC 36 RMS = 0.133 Record 126: Q-33 Alpha-36 Beta=-2 FENCE ON



FREQUENCY - HZ  
DELTA F = 0.798

# F-16 Tail Buffet Test

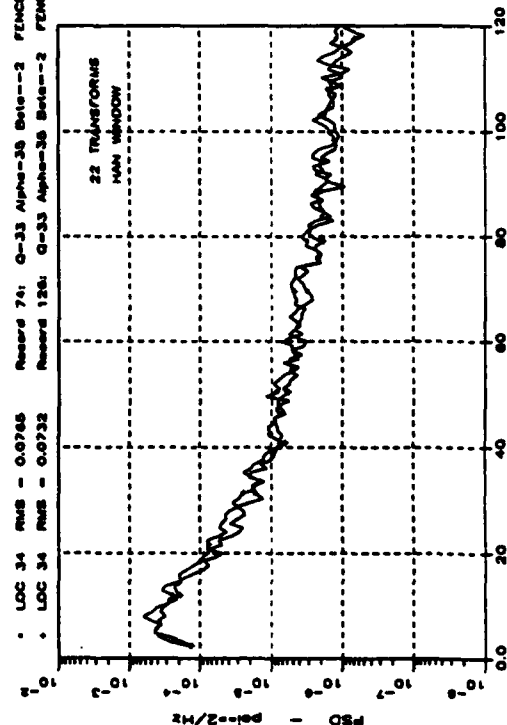
LOC 36 RMS = 0.099 Record 74: Q-33 Alpha-36 Beta=-2 FENCE OFF  
LOC 36 RMS = 0.0904 Record 126: Q-33 Alpha-36 Beta=-2 FENCE ON



FREQUENCY - HZ  
DELTA F = 0.798

# F-16 Tail Buffet Test

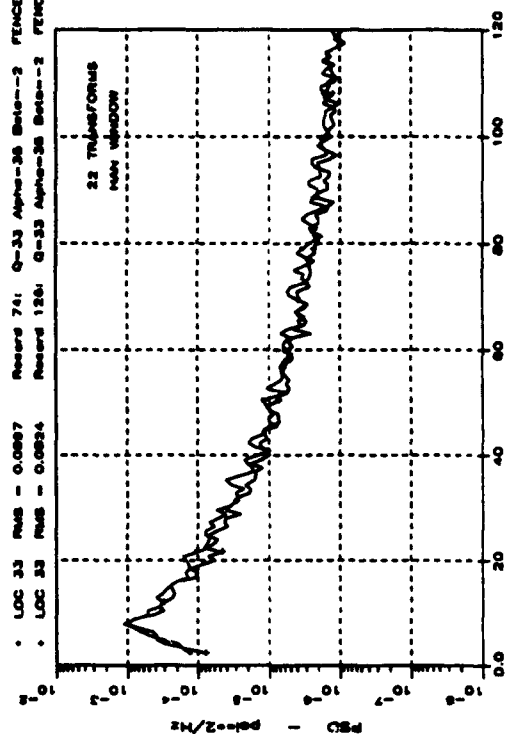
LOC 34 RMS = 0.0765 Record 74: Q-33 Alpha-36 Beta=-2 FENCE OFF  
LOC 34 RMS = 0.0732 Record 126: Q-33 Alpha-36 Beta=-2 FENCE ON



FREQUENCY - HZ  
DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 33 RMS = 0.0987 Record 74: Q-33 Alpha-36 Beta=-2 FENCE OFF  
LOC 33 RMS = 0.0924 Record 126: Q-33 Alpha-36 Beta=-2 FENCE ON

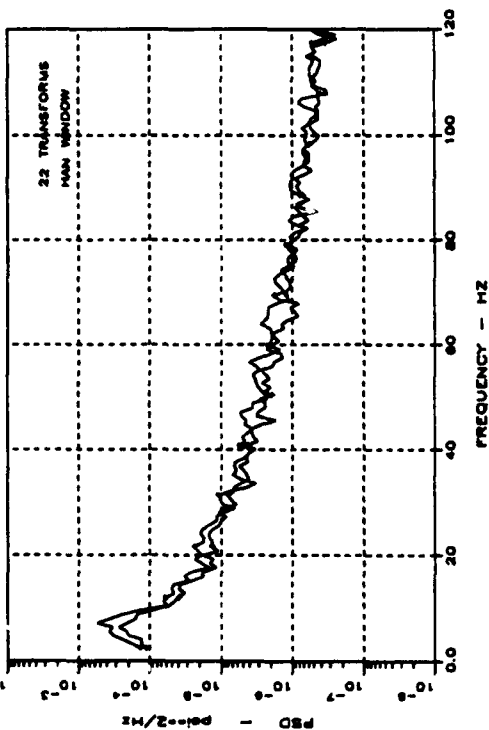


FREQUENCY - HZ  
DELTA F = 0.798



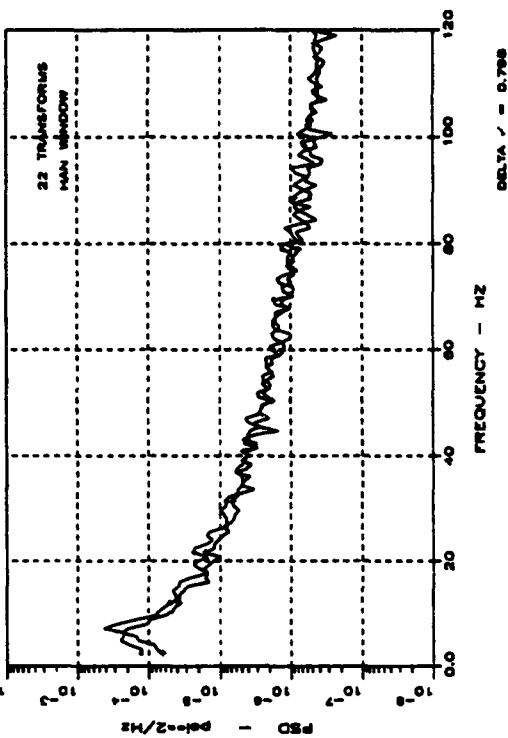
# F-16 Tail Buffet Test

• LOC 4 RMS = 0.0581 Record 71: Q-33 Alpha-35 Beta-0 FENCE OFF  
 • LOC 4 RMS = 0.0436 Record 124: Q-33 Alpha-35 Beta-0 FENCE ON



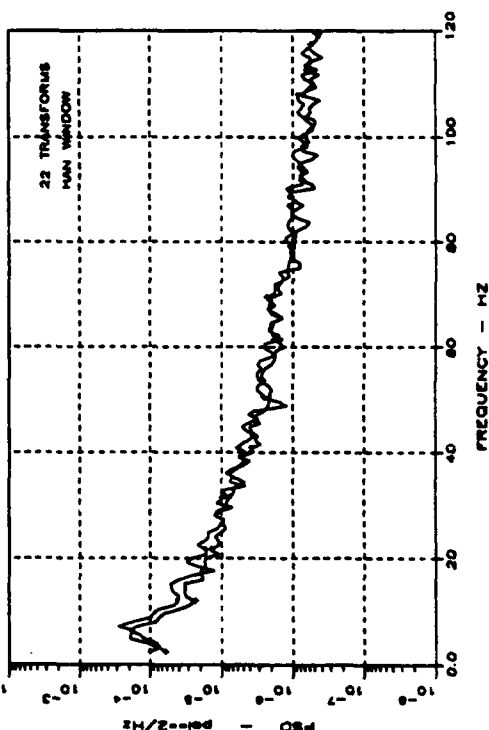
# F-16 Tail Buffet Test

• LOC 3 RMS = 0.0486 Record 71: Q-33 Alpha-35 Beta-0 FENCE OFF  
 • LOC 3 RMS = 0.0386 Record 124: Q-33 Alpha-35 Beta-0 FENCE ON



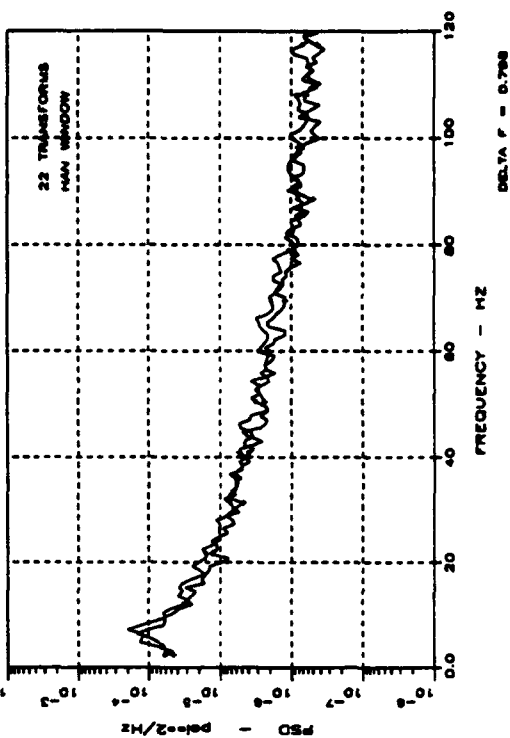
# F-16 Tail Buffet Test

• LOC 2 RMS = 0.0441 Record 71: Q-33 Alpha-35 Beta-0 FENCE OFF  
 • LOC 2 RMS = 0.0376 Record 124: Q-33 Alpha-35 Beta-0 FENCE ON



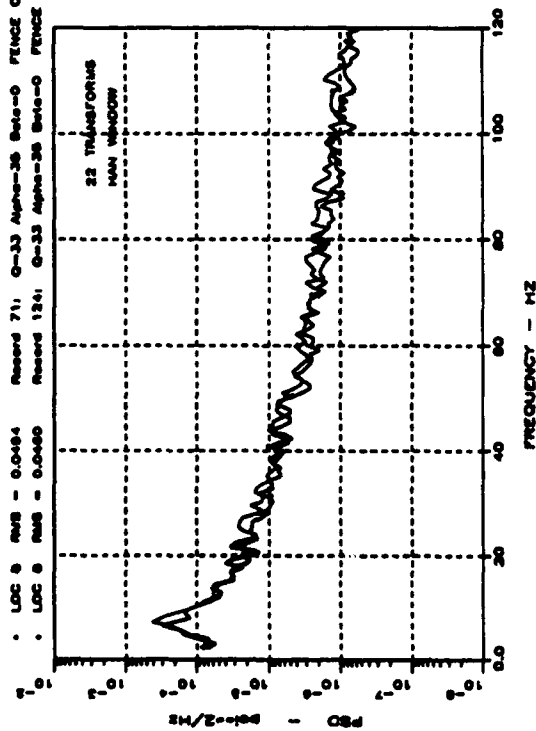
# F-16 Tail Buffet Test

• LOC 1 RMS = 0.0386 Record 71: Q-33 Alpha-35 Beta-0 FENCE OFF  
 • LOC 1 RMS = 0.0336 Record 124: Q-33 Alpha-35 Beta-0 FENCE ON



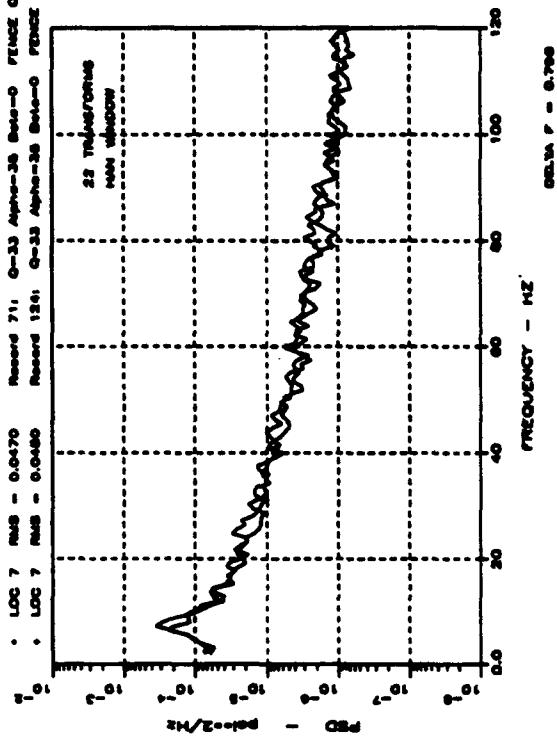
# F-18 Tail Buffet Test

• LOC 8 RMS = 0.0484 Record 71: Q-33 Alpha-36 Beta-0 FENCE OFF  
 • LOC 8 RMS = 0.0480 Record 124: Q-33 Alpha-36 Beta-0 FENCE ON



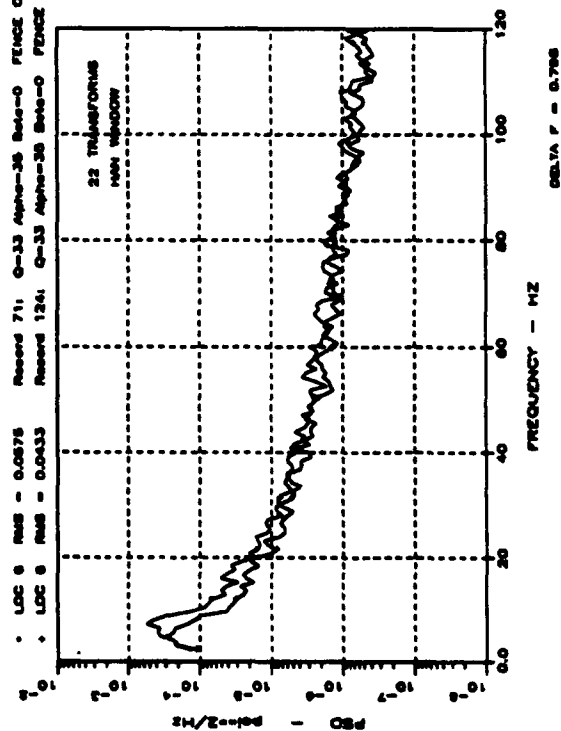
# F-18 Tail Buffet Test

• LOC 7 RMS = 0.0470 Record 71: Q-33 Alpha-36 Beta-0 FENCE OFF  
 • LOC 7 RMS = 0.0480 Record 124: Q-33 Alpha-36 Beta-0 FENCE ON



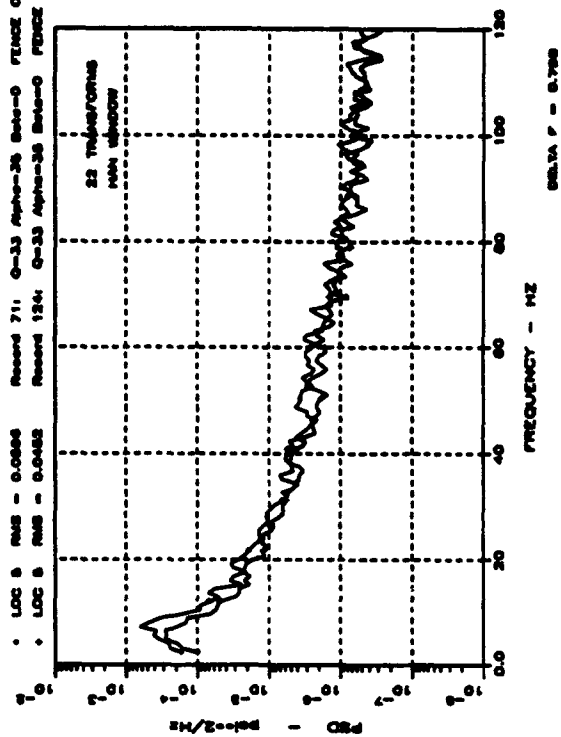
# F-18 Tail Buffet Test

• LOC 8 RMS = 0.0575 Record 71: Q-33 Alpha-36 Beta-0 FENCE OFF  
 • LOC 8 RMS = 0.0433 Record 124: Q-33 Alpha-36 Beta-0 FENCE ON



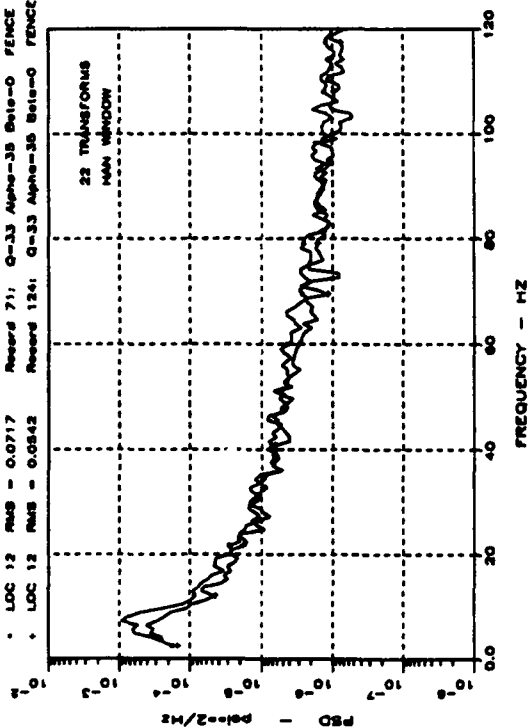
# F-18 Tail Buffet Test

• LOC 8 RMS = 0.0566 Record 71: Q-33 Alpha-36 Beta-0 FENCE OFF  
 • LOC 8 RMS = 0.0482 Record 124: Q-33 Alpha-36 Beta-0 FENCE ON



# F-16 Tail Buffet Test

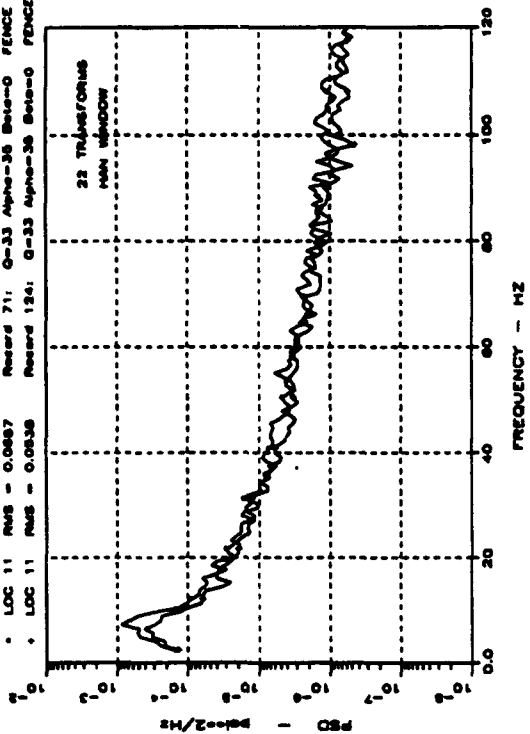
• LOC 12 RMS = 0.0717 Record 71: Q=33 Alpha=35 Beta=0 FENCE OFF  
• LOC 12 RMS = 0.0542 Record 124: Q=33 Alpha=35 Beta=0 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

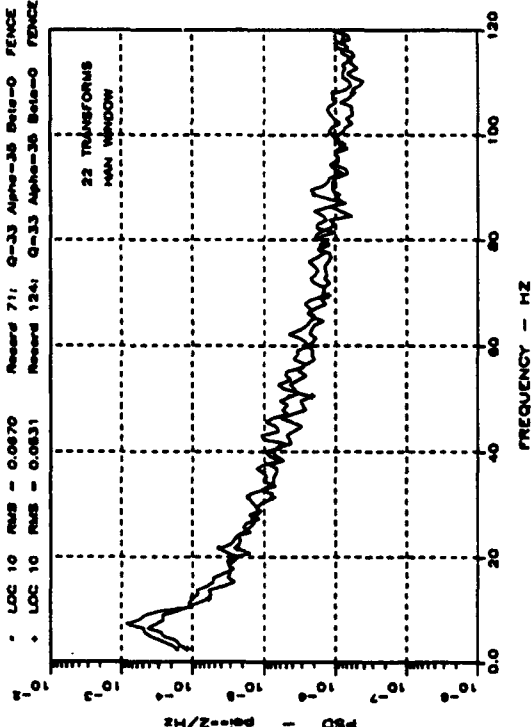
• LOC 11 RMS = 0.0897 Record 71: Q=33 Alpha=35 Beta=0 FENCE OFF  
• LOC 11 RMS = 0.0538 Record 124: Q=33 Alpha=35 Beta=0 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

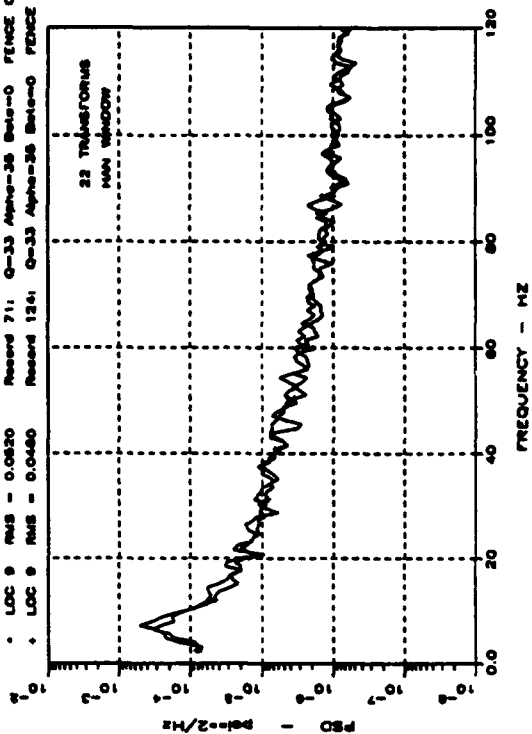
• LOC 10 RMS = 0.0870 Record 71: Q=33 Alpha=35 Beta=0 FENCE OFF  
• LOC 10 RMS = 0.0531 Record 124: Q=33 Alpha=35 Beta=0 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

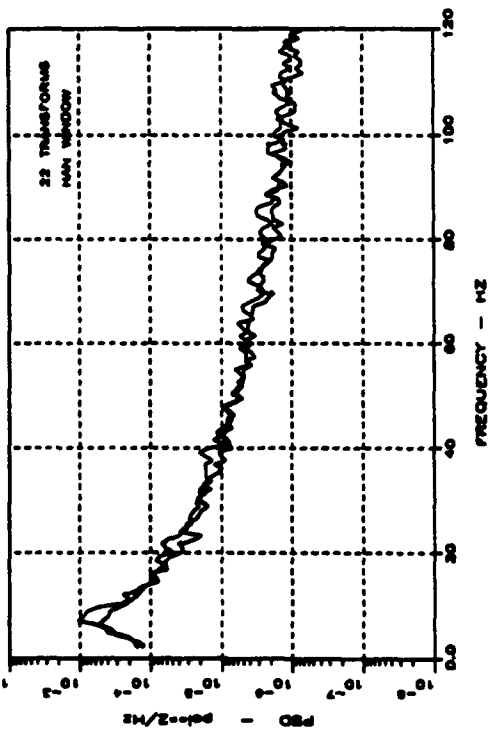
• LOC 9 RMS = 0.0820 Record 71: Q=33 Alpha=35 Beta=0 FENCE OFF  
• LOC 9 RMS = 0.0480 Record 124: Q=33 Alpha=35 Beta=0 FENCE ON



DELTA F = 0.798

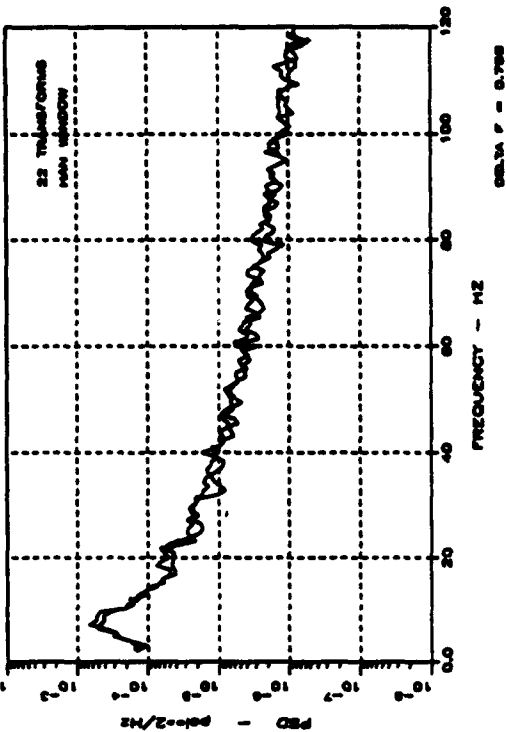
F-16 Tail Buffet Test

LOC 18 RMS = 0.0793 Record 71: Q-33 Alpha-35 Beta-0 FENCE OFF  
LOC 18 RMS = 0.0862 Record 124: Q-33 Alpha-35 Beta-0 FENCE ON



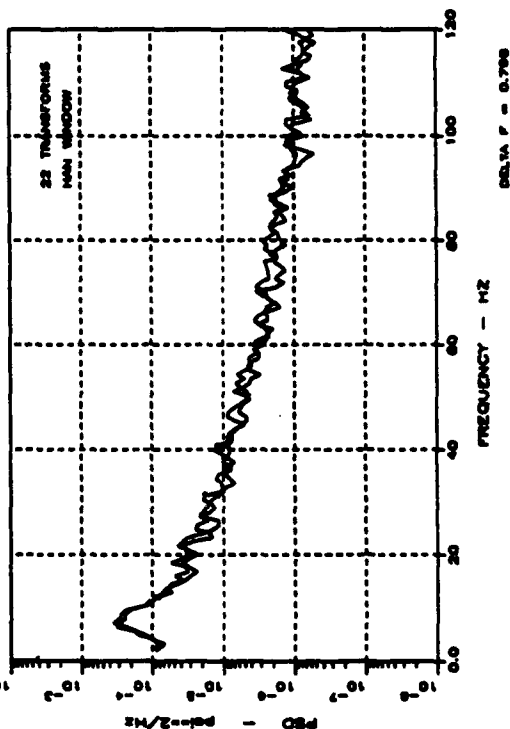
F-16 Tail Buffet Test

LOC 18 RMS = 0.0876 Record 71: Q-33 Alpha-35 Beta-0 FENCE OFF  
LOC 18 RMS = 0.0864 Record 124: Q-33 Alpha-35 Beta-0 FENCE ON



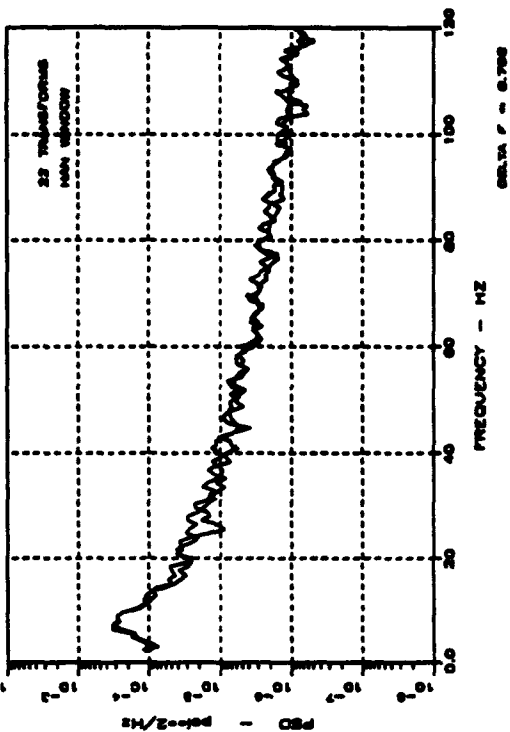
F-16 Tail Buffet Test

LOC 14 RMS = 0.0816 Record 71: Q-33 Alpha-35 Beta-0 FENCE OFF  
LOC 14 RMS = 0.0809 Record 124: Q-33 Alpha-35 Beta-0 FENCE ON



F-16 Tail Buffet Test

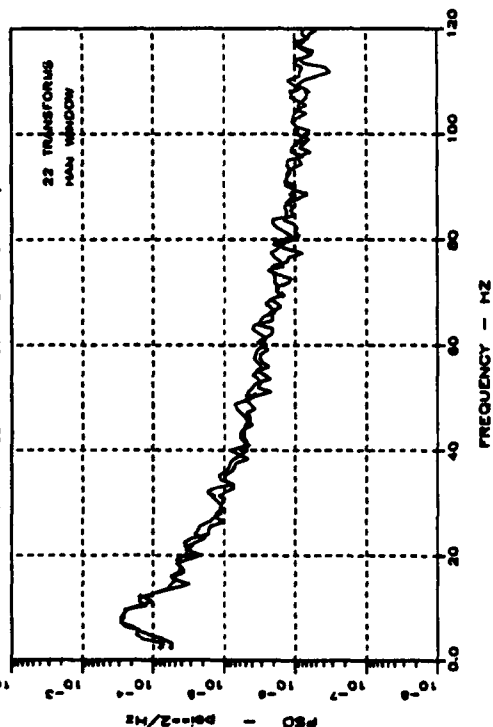
LOC 13 RMS = 0.0837 Record 71: Q-33 Alpha-35 Beta-0 FENCE OFF  
LOC 13 RMS = 0.0861 Record 124: Q-33 Alpha-35 Beta-0 FENCE ON





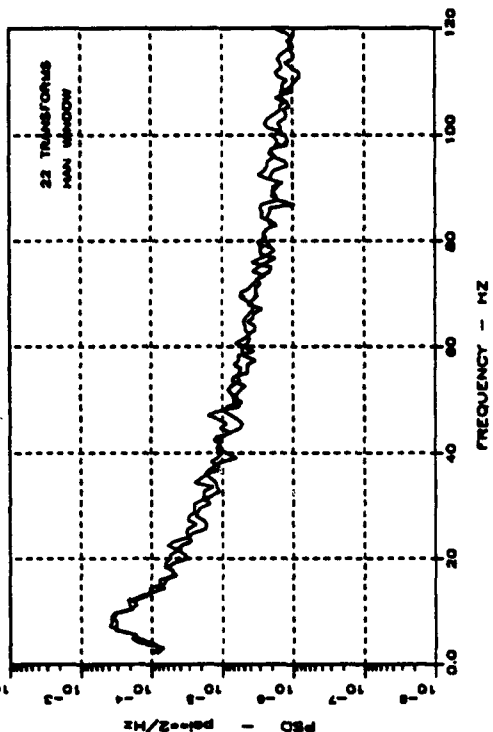
# F-16 Tail Buffet Test

• LOC 20 RMS = 0.0804 Record 71: Q-33 Alpha-35 Beta-0 FENCE OFF  
 • LOC 20 RMS = 0.0822 Record 124: Q-33 Alpha-35 Beta-0 FENCE ON



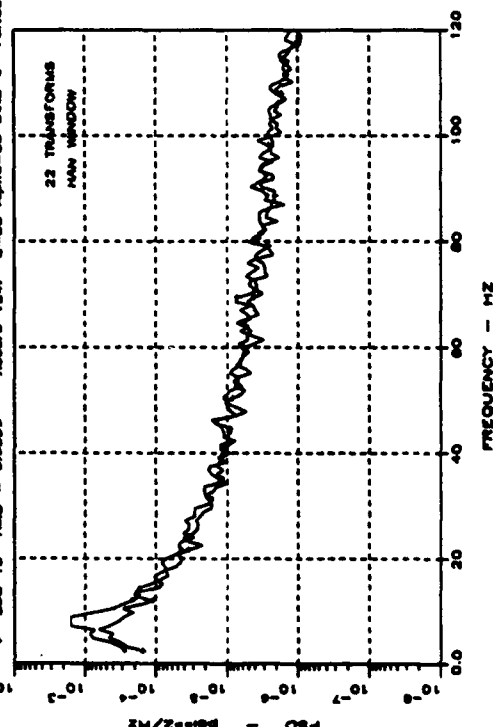
# F-16 Tail Buffet Test

• LOC 19 RMS = 0.0801 Record 71: Q-33 Alpha-35 Beta-0 FENCE OFF  
 • LOC 19 RMS = 0.0804 Record 124: Q-33 Alpha-35 Beta-0 FENCE ON



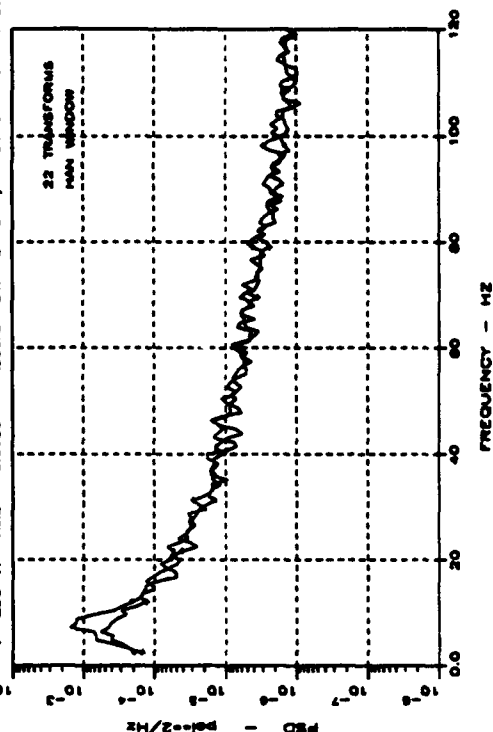
# F-16 Tail Buffet Test

• LOC 18 RMS = 0.0804 Record 71: Q-33 Alpha-35 Beta-0 FENCE OFF  
 • LOC 18 RMS = 0.0899 Record 124: Q-33 Alpha-35 Beta-0 FENCE ON



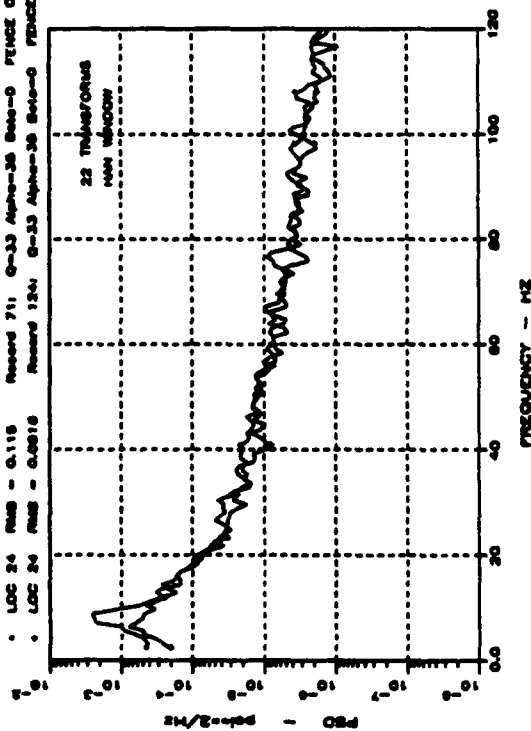
# F-16 Tail Buffet Test

• LOC 17 RMS = 0.0817 Record 71: Q-33 Alpha-35 Beta-0 FENCE OFF  
 • LOC 17 RMS = 0.0899 Record 124: Q-33 Alpha-35 Beta-0 FENCE ON



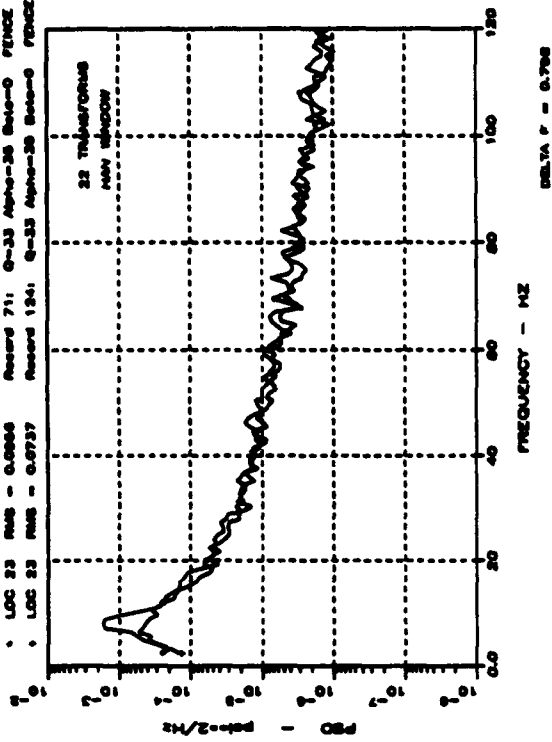
F-16 Test Buffer Test

• LOC 24 RMS = 0.115 Record 71: Q-33 Alpha-36 Beta-0 FENCE OFF  
 • LOC 24 RMS = 0.0016 Record 124: Q-33 Alpha-36 Beta-0 FENCE ON



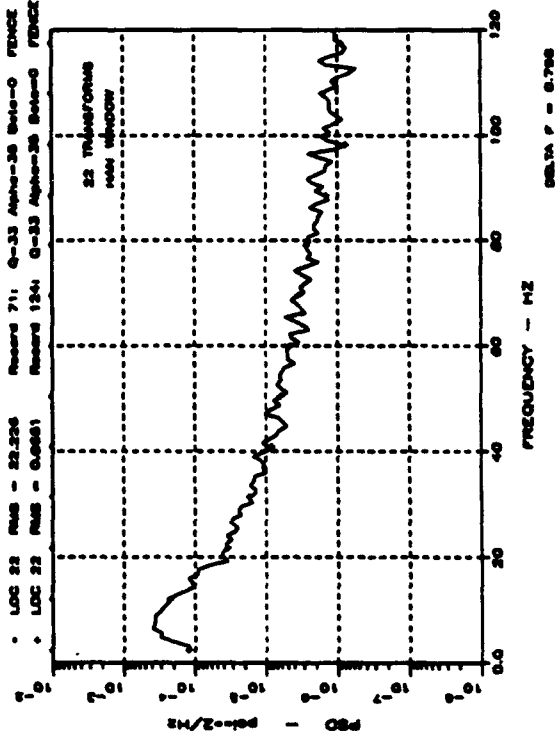
F-16 Test Buffer Test

• LOC 23 RMS = 0.0066 Record 71: Q-33 Alpha-36 Beta-0 FENCE OFF  
 • LOC 23 RMS = 0.0737 Record 124: Q-33 Alpha-36 Beta-0 FENCE ON



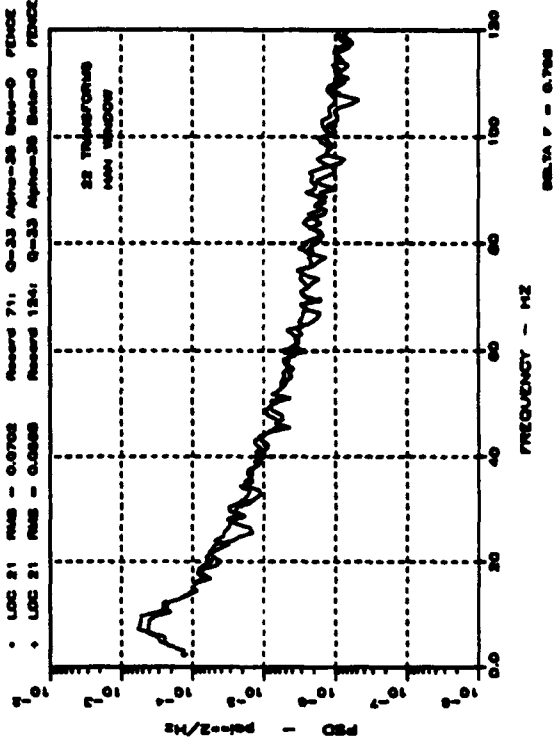
F-16 Test Buffer Test

• LOC 22 RMS = 22.256 Record 71: Q-33 Alpha-36 Beta-0 FENCE OFF  
 • LOC 22 RMS = 0.0001 Record 124: Q-33 Alpha-36 Beta-0 FENCE ON



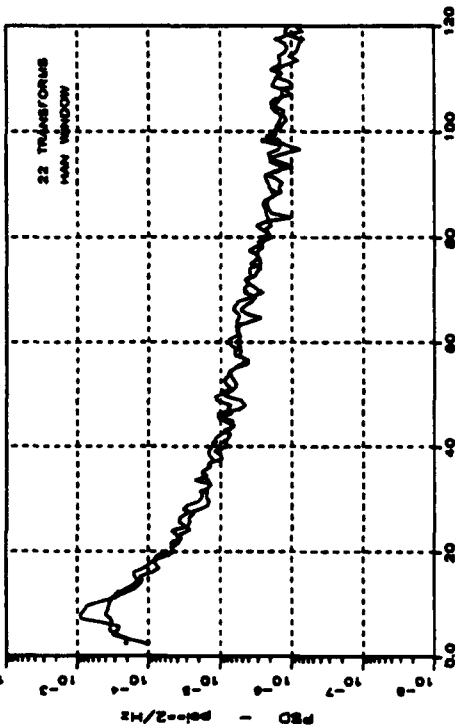
F-16 Test Buffer Test

• LOC 21 RMS = 0.0702 Record 71: Q-33 Alpha-36 Beta-0 FENCE OFF  
 • LOC 21 RMS = 0.0005 Record 124: Q-33 Alpha-36 Beta-0 FENCE ON



F-16 Tail Buffet Test

LOC 26 RUS = 0.0795 Record 71: Q=33 Alpha=36 Beta=0 FENCE OFF  
LOC 26 RUS = 0.0706 Record 124: Q=33 Alpha=36 Beta=0 FENCE ON

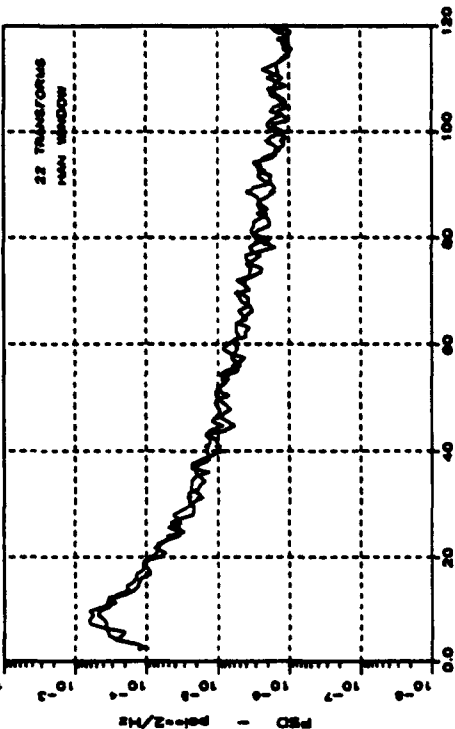


FREQUENCY - HZ

DELTA F = 0.796

F-16 Tail Buffet Test

LOC 27 RUS = 0.0771 Record 71: Q=33 Alpha=36 Beta=0 FENCE OFF  
LOC 27 RUS = 0.0727 Record 124: Q=33 Alpha=36 Beta=0 FENCE ON

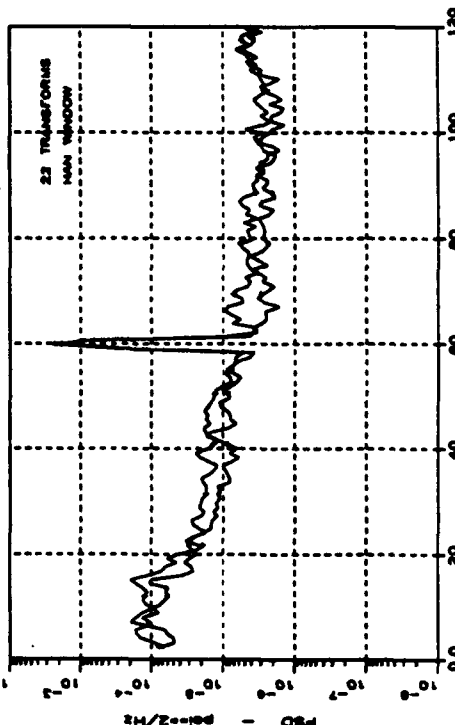


FREQUENCY - HZ

DELTA F = 0.796

F-16 Tail Buffet Test

LOC 26 RUS = 0.0694 Record 71: Q=33 Alpha=36 Beta=0 FENCE OFF  
LOC 26 RUS = 0.0730 Record 124: Q=33 Alpha=36 Beta=0 FENCE ON

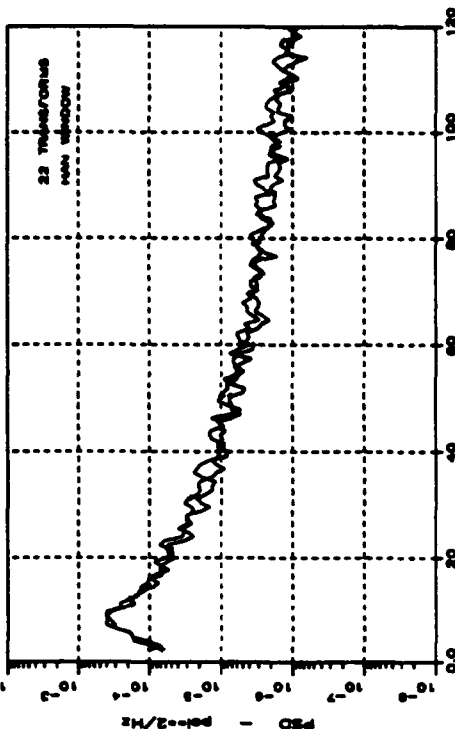


FREQUENCY - HZ

DELTA F = 0.796

F-16 Tail Buffet Test

LOC 26 RUS = 0.0637 Record 71: Q=33 Alpha=36 Beta=0 FENCE OFF  
LOC 26 RUS = 0.0636 Record 124: Q=33 Alpha=36 Beta=0 FENCE ON

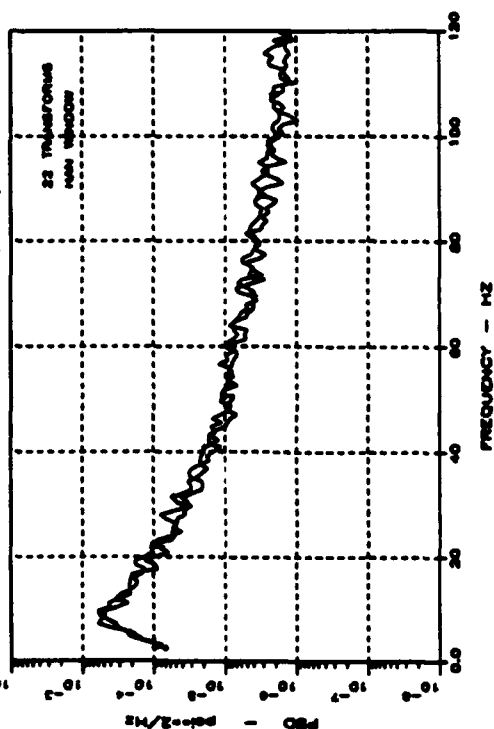


FREQUENCY - HZ

DELTA F = 0.796

F-10 Tail Buffet Test

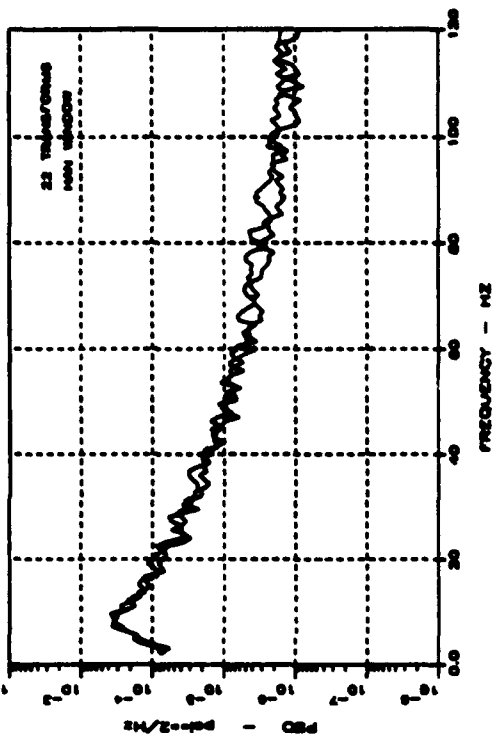
LOC 35 RMS = 0.0764 Record 71: G-33 Alpha-26 Beta-0 FENCE OFF  
LOC 35 RMS = 0.0761 Record 134: G-33 Alpha-26 Beta-0 FENCE ON



DELTA F = 0.796

F-10 Tail Buffet Test

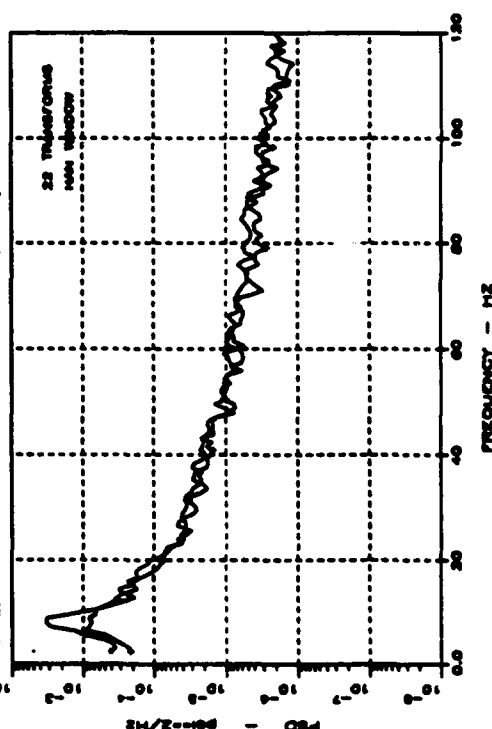
LOC 31 RMS = 0.0647 Record 71: G-33 Alpha-26 Beta-0 FENCE OFF  
LOC 31 RMS = 0.0609 Record 134: G-33 Alpha-26 Beta-0 FENCE ON



DELTA F = 0.796

F-10 Tail Buffet Test

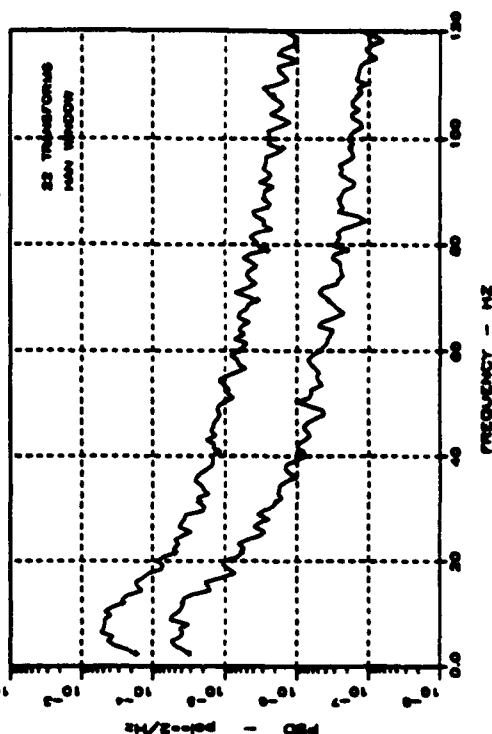
LOC 30 RMS = 0.126 Record 71: G-33 Alpha-26 Beta-0 FENCE OFF  
LOC 30 RMS = 0.0816 Record 134: G-33 Alpha-26 Beta-0 FENCE ON



DELTA F = 0.796

F-10 Tail Buffet Test

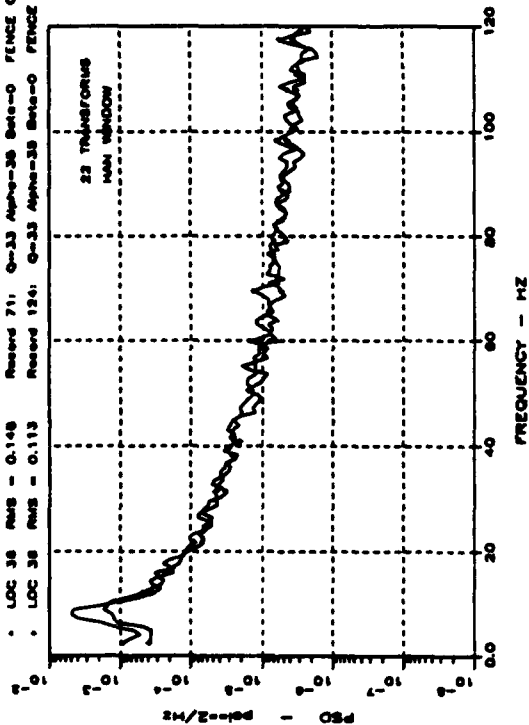
LOC 29 RMS = 0.0886 Record 71: G-33 Alpha-26 Beta-0 FENCE OFF  
LOC 29 RMS = 0.0790 Record 134: G-33 Alpha-26 Beta-0 FENCE ON



DELTA F = 0.796

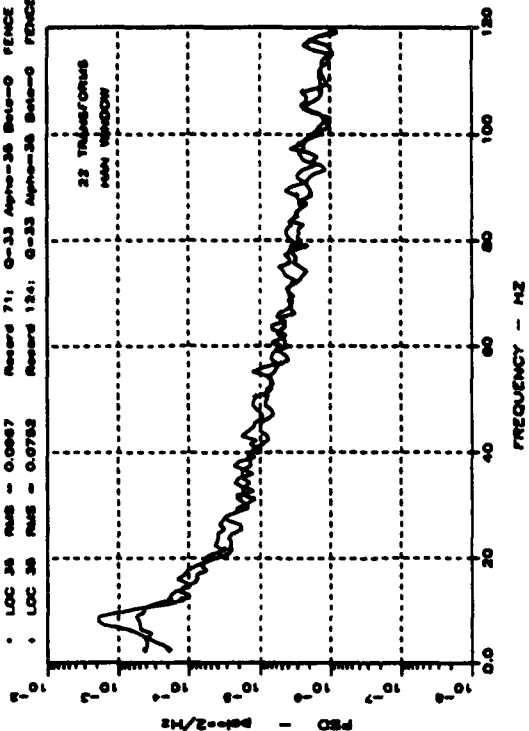
F-18 Tail Buffet Test

• LOC 36 RMS = 0.148 Record 71: Q=33 Alpha=36 Beta=0 FENCE OFF  
• LOC 36 RMS = 0.113 Record 124: Q=33 Alpha=36 Beta=0 FENCE ON



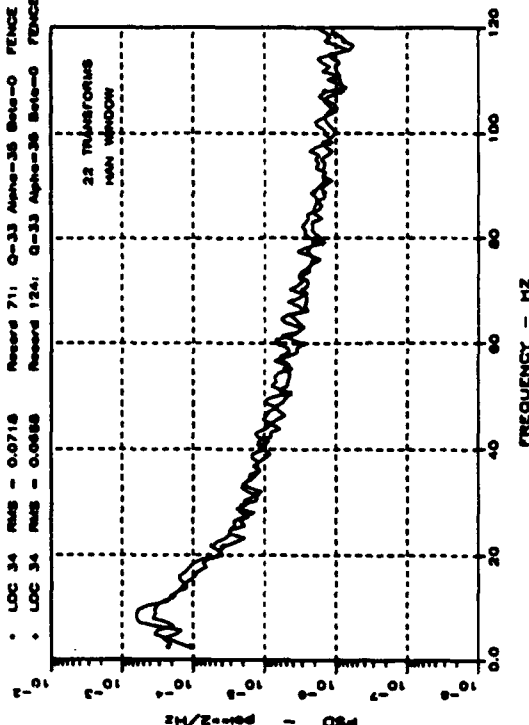
F-18 Tail Buffet Test

• LOC 36 RMS = 0.0807 Record 71: Q=33 Alpha=36 Beta=0 FENCE OFF  
• LOC 36 RMS = 0.0753 Record 124: Q=33 Alpha=36 Beta=0 FENCE ON



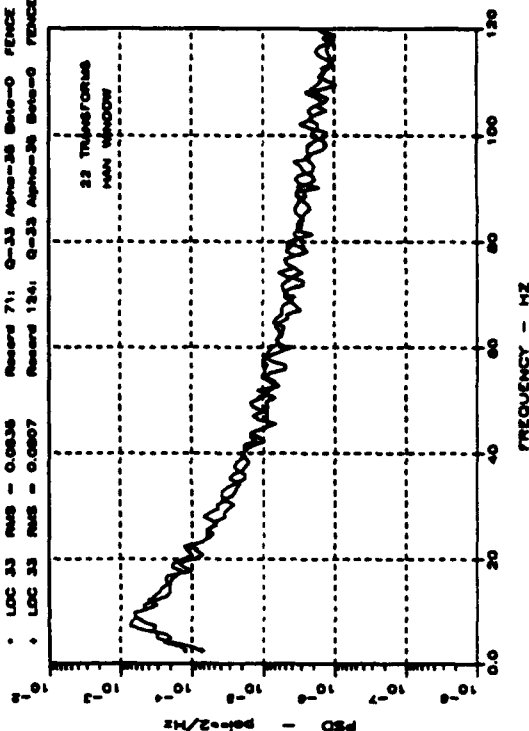
F-18 Tail Buffet Test

• LOC 34 RMS = 0.0716 Record 71: Q=33 Alpha=36 Beta=0 FENCE OFF  
• LOC 34 RMS = 0.0686 Record 124: Q=33 Alpha=36 Beta=0 FENCE ON



F-18 Tail Buffet Test

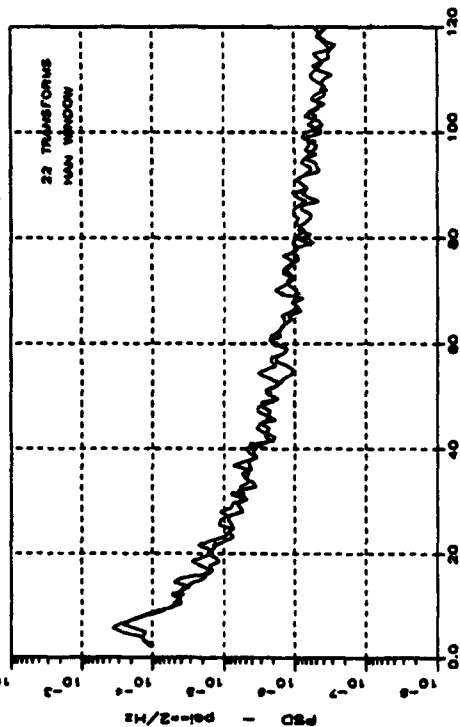
• LOC 33 RMS = 0.0836 Record 71: Q=33 Alpha=36 Beta=0 FENCE OFF  
• LOC 33 RMS = 0.0807 Record 124: Q=33 Alpha=36 Beta=0 FENCE ON





F-18 Tail Buffet Test

LOC 4 RMS = 0.0491 Record 70: Q-33 Alpha-35 Beta-2 FENCE OFF  
LOC 4 RMS = 0.0403 Record 122: Q-33 Alpha-35 Beta-2 FENCE ON

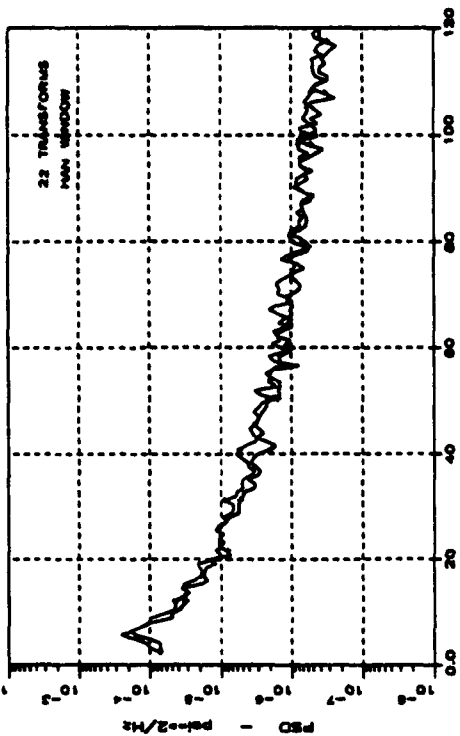


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

LOC 3 RMS = 0.0366 Record 70: Q-33 Alpha-35 Beta-2 FENCE OFF  
LOC 3 RMS = 0.0366 Record 122: Q-33 Alpha-35 Beta-2 FENCE ON

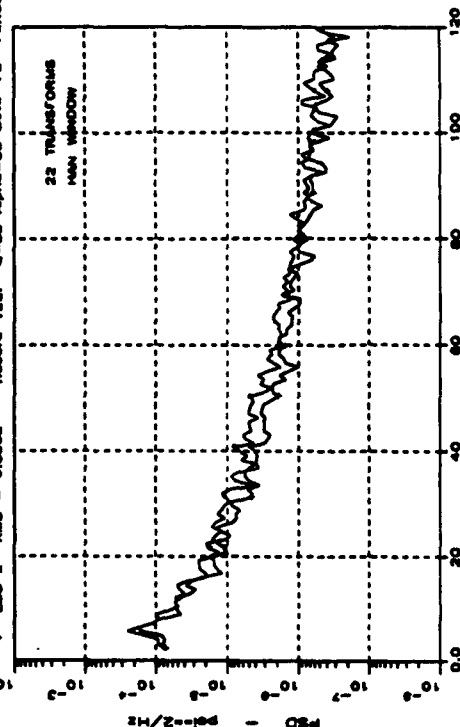


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

LOC 2 RMS = 0.0407 Record 70: Q-33 Alpha-35 Beta-2 FENCE OFF  
LOC 2 RMS = 0.0362 Record 122: Q-33 Alpha-35 Beta-2 FENCE ON

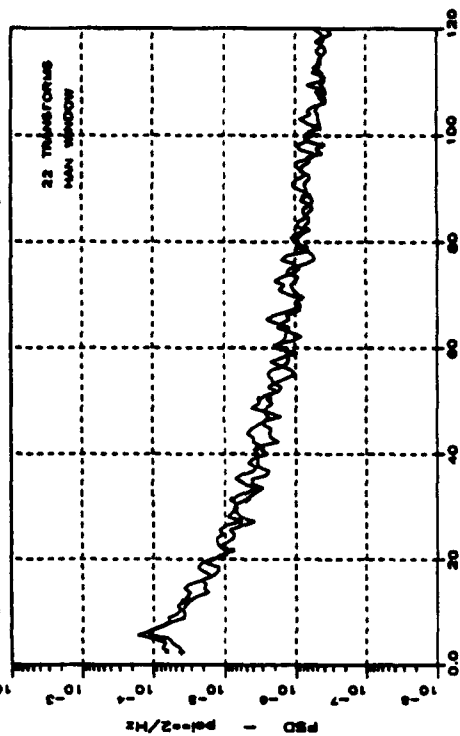


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

LOC 1 RMS = 0.0346 Record 70: Q-33 Alpha-35 Beta-2 FENCE OFF  
LOC 1 RMS = 0.0311 Record 122: Q-33 Alpha-35 Beta-2 FENCE ON

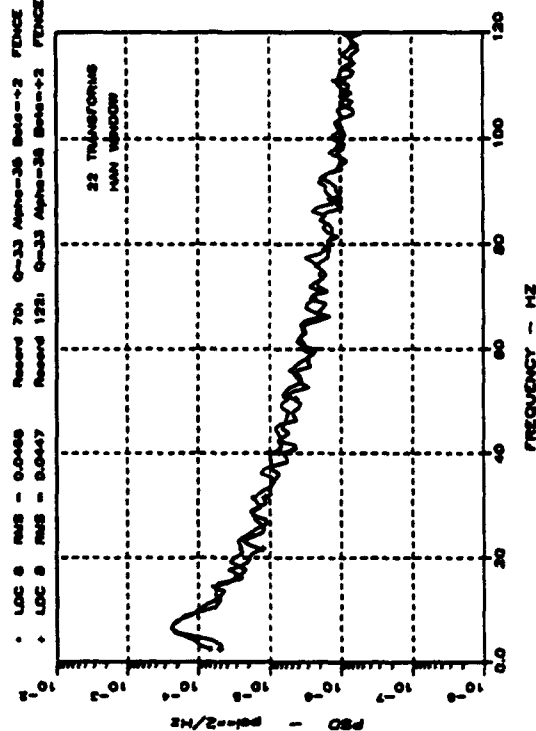


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 8 RMS = 0.0468 Record 70: Q-33 Alpha-36 Beta-2 FENCE OFF  
LOC 9 RMS = 0.0417 Record 121: Q-33 Alpha-36 Beta-2 FENCE ON

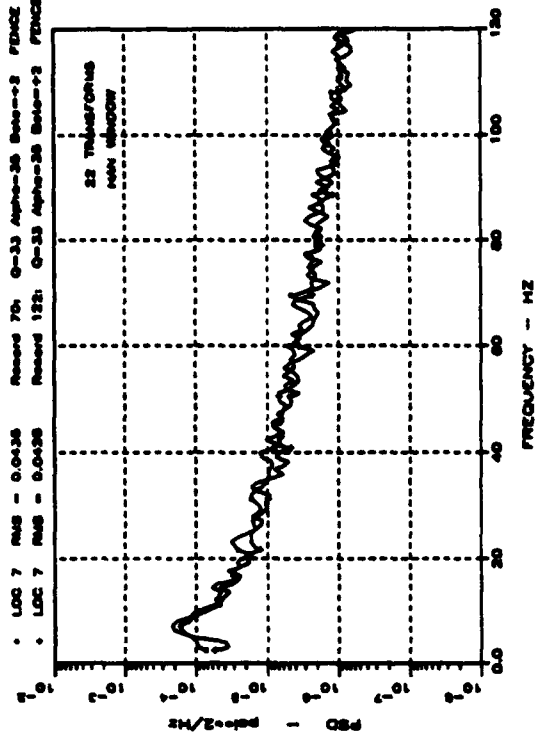


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 7 RMS = 0.0436 Record 70: Q-33 Alpha-36 Beta-2 FENCE OFF  
LOC 7 RMS = 0.0406 Record 121: Q-33 Alpha-36 Beta-2 FENCE ON

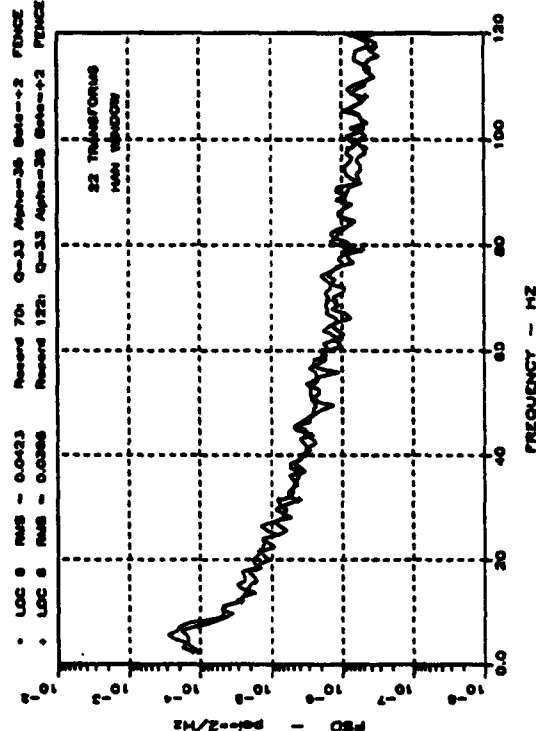


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 8 RMS = 0.0423 Record 70: Q-33 Alpha-36 Beta-2 FENCE OFF  
LOC 8 RMS = 0.0366 Record 121: Q-33 Alpha-36 Beta-2 FENCE ON

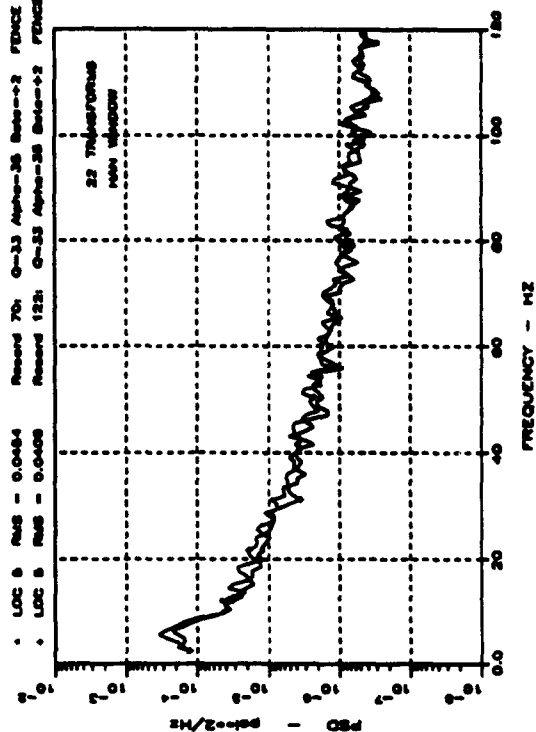


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 8 RMS = 0.0464 Record 70: Q-33 Alpha-36 Beta-2 FENCE OFF  
LOC 8 RMS = 0.0406 Record 121: Q-33 Alpha-36 Beta-2 FENCE ON



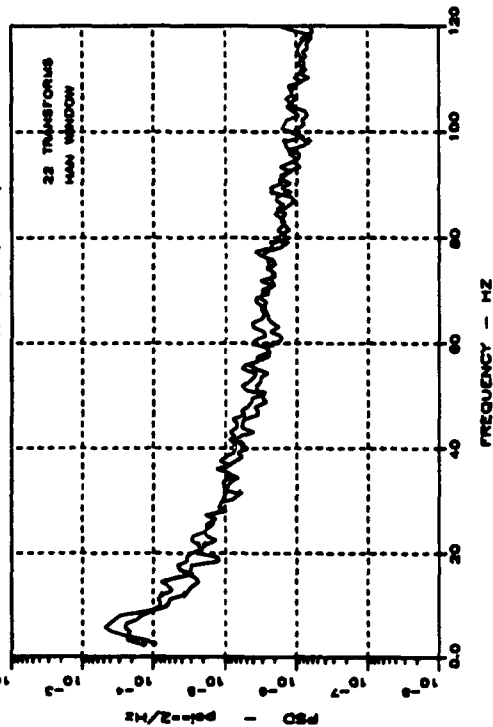
FREQUENCY - HZ

DELTA F = 0.798



# F-16 Tail Buffet Test

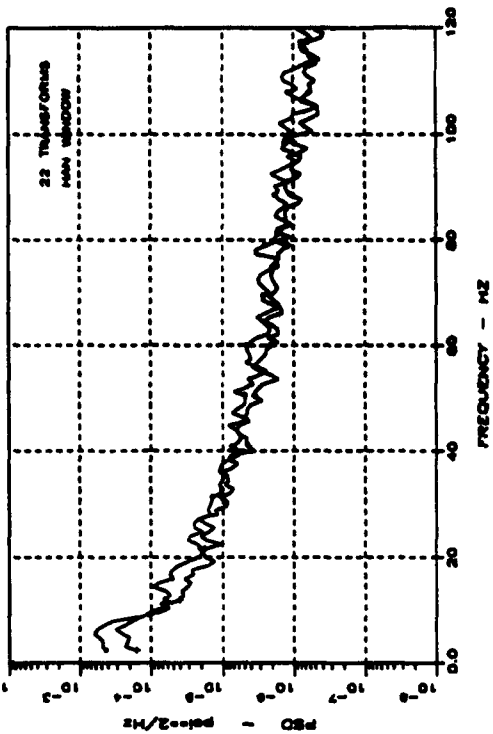
• LOC 12 RMS = 0.0866 Record 70: Q-33 Alpha-36 Beta-+2 FENCE OFF  
 • LOC 12 RMS = 0.0467 Record 122: Q-33 Alpha-36 Beta-+2 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

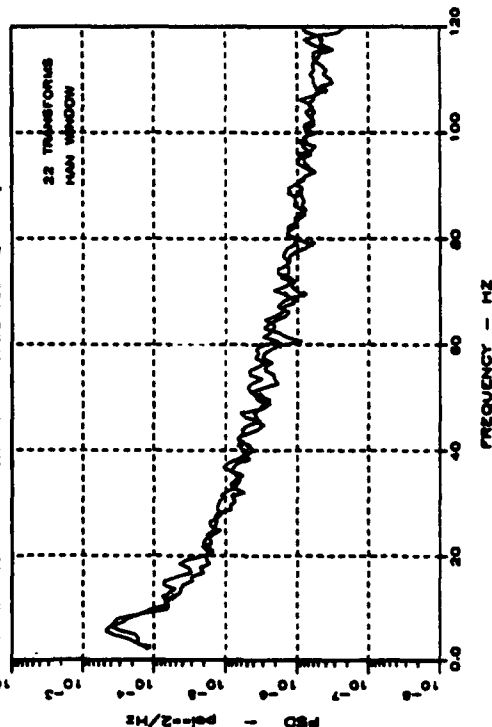
• LOC 11 RMS = 0.0864 Record 70: Q-33 Alpha-36 Beta-+2 FENCE OFF  
 • LOC 11 RMS = 0.0486 Record 122: Q-33 Alpha-36 Beta-+2 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

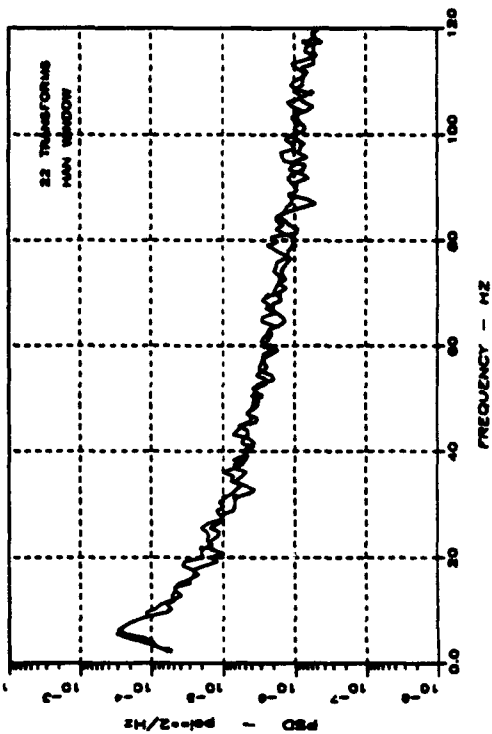
• LOC 10 RMS = 0.0866 Record 70: Q-33 Alpha-36 Beta-+2 FENCE OFF  
 • LOC 10 RMS = 0.0464 Record 122: Q-33 Alpha-36 Beta-+2 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

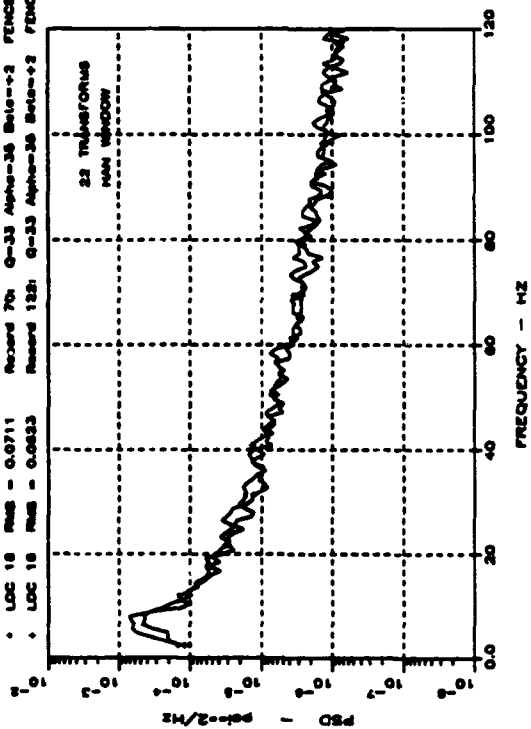
• LOC 9 RMS = 0.0463 Record 70: Q-33 Alpha-36 Beta-+2 FENCE OFF  
 • LOC 9 RMS = 0.0443 Record 122: Q-33 Alpha-36 Beta-+2 FENCE ON



DELTA F = 0.798

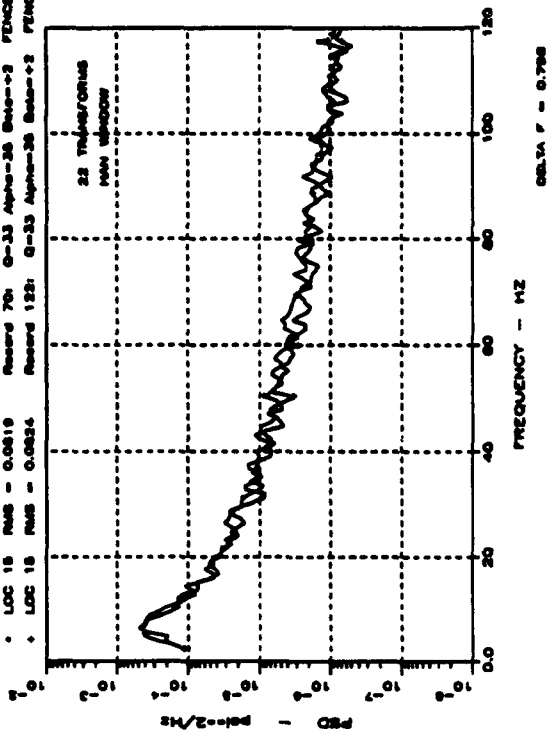
F-16 Tail Buffet Test

• LOC 16 RMS = 0.0711 Record 70: Q-33 Alpha-36 Beta-+2 FENCE OFF  
• LOC 16 RMS = 0.0833 Record 122: Q-33 Alpha-36 Beta-+2 FENCE ON



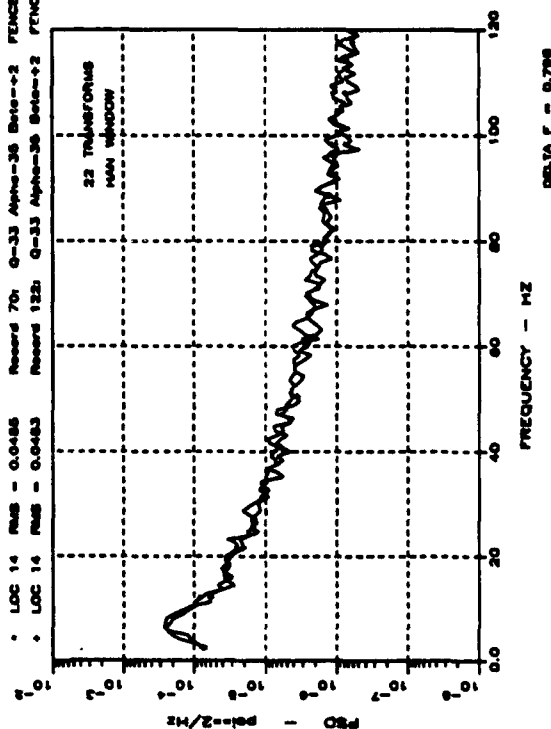
F-16 Tail Buffet Test

• LOC 16 RMS = 0.0819 Record 70: Q-33 Alpha-36 Beta-+2 FENCE OFF  
• LOC 16 RMS = 0.0824 Record 122: Q-33 Alpha-36 Beta-+2 FENCE ON



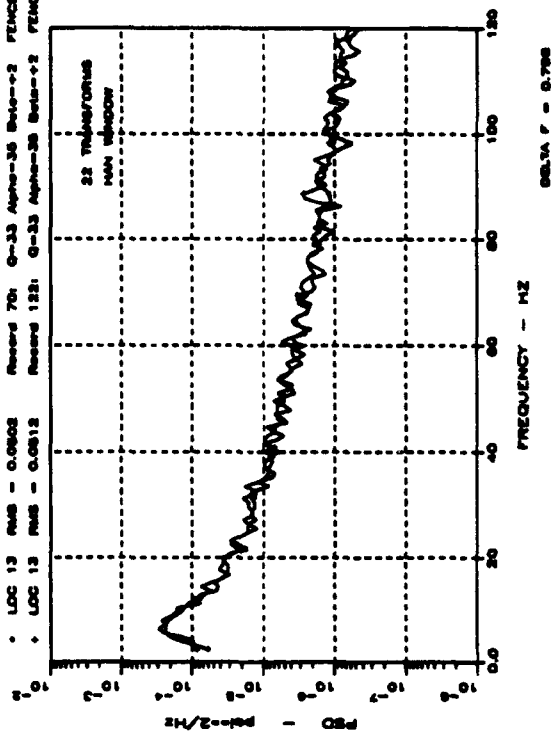
F-16 Tail Buffet Test

• LOC 14 RMS = 0.0485 Record 70: Q-33 Alpha-36 Beta-+2 FENCE OFF  
• LOC 14 RMS = 0.0483 Record 122: Q-33 Alpha-36 Beta-+2 FENCE ON



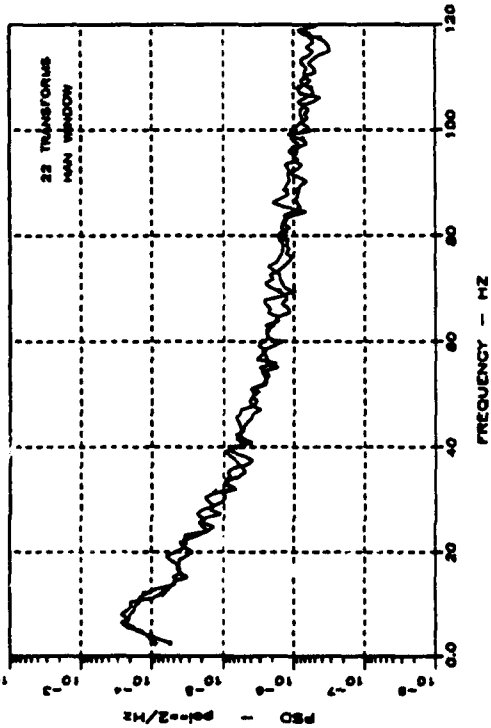
F-16 Tail Buffet Test

• LOC 13 RMS = 0.0602 Record 70: Q-33 Alpha-36 Beta-+2 FENCE OFF  
• LOC 13 RMS = 0.0612 Record 122: Q-33 Alpha-36 Beta-+2 FENCE ON



# F-18 Tail Buffet Test

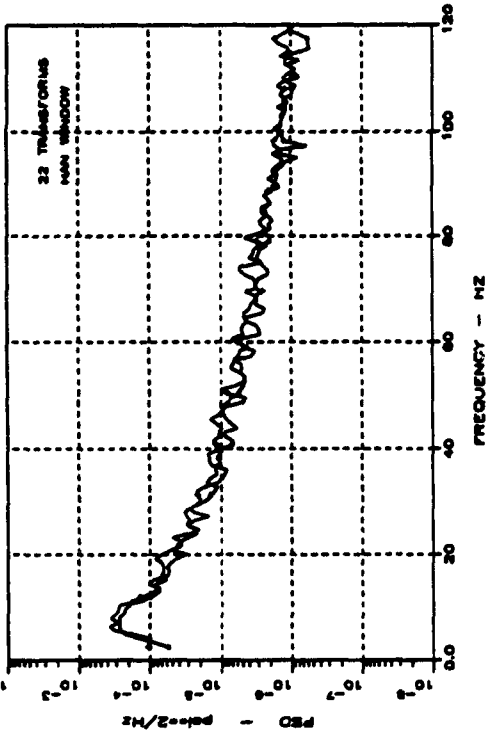
• LOC 70 RMS = 0.0486 Record 70: Q=33 Alpha=36 Beta=+2 FENCE OFF  
 • LOC 20 RMS = 0.0512 Record 122: Q=33 Alpha=36 Beta=+2 FENCE ON



DELTA F = 0.796

# F-18 Tail Buffet Test

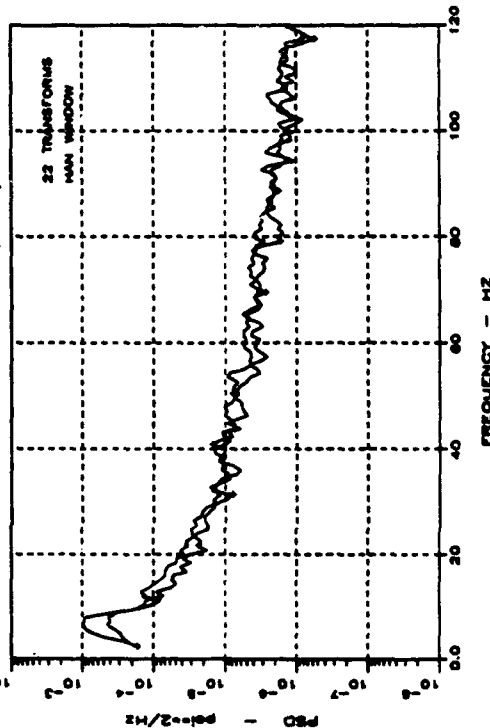
• LOC 19 RMS = 0.0567 Record 70: Q=33 Alpha=36 Beta=+2 FENCE OFF  
 • LOC 16 RMS = 0.0600 Record 122: Q=33 Alpha=36 Beta=+2 FENCE ON



DELTA F = 0.796

# F-18 Tail Buffet Test

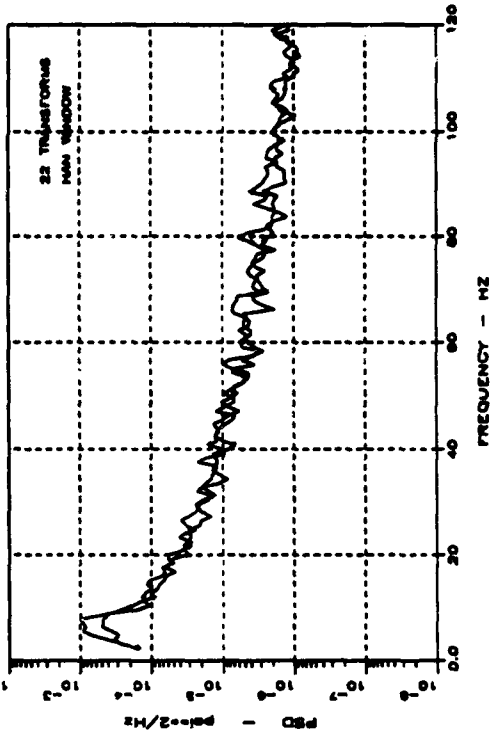
• LOC 18 RMS = 0.0766 Record 70: Q=33 Alpha=36 Beta=+2 FENCE OFF  
 • LOC 16 RMS = 0.0806 Record 122: Q=33 Alpha=36 Beta=+2 FENCE ON



DELTA F = 0.796

# F-18 Tail Buffet Test

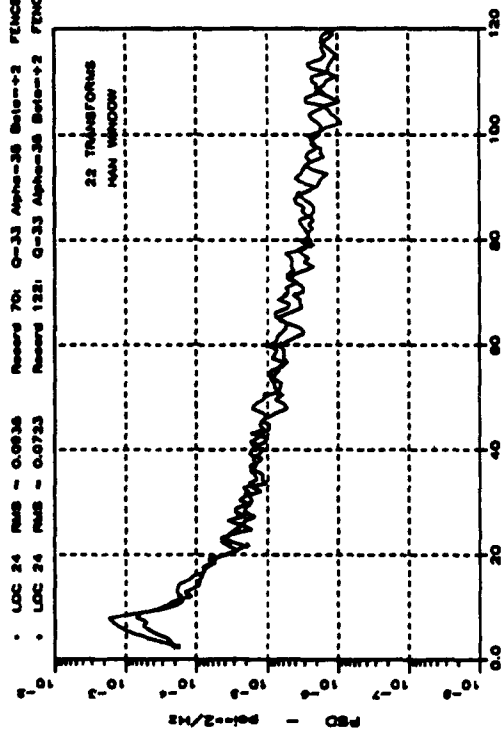
• LOC 17 RMS = 0.0766 Record 70: Q=33 Alpha=36 Beta=+2 FENCE OFF  
 • LOC 17 RMS = 0.0806 Record 122: Q=33 Alpha=36 Beta=+2 FENCE ON



DELTA F = 0.796

# F-16 Tail Buffet Test

LOC 24 RMS = 0.0936 Record 70: Q=33 Alpha=36 Beta=+2 FENCE OFF  
 LOC 24 RMS = 0.0753 Record 122: Q=33 Alpha=36 Beta=+2 FENCE ON

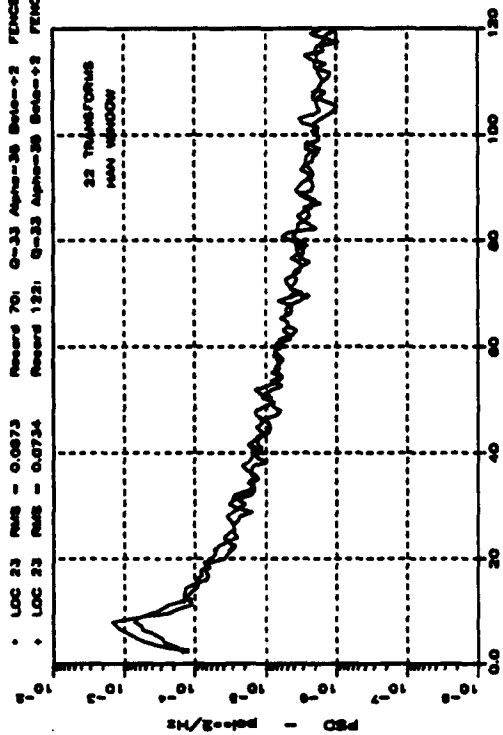


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 23 RMS = 0.0875 Record 70: Q=33 Alpha=36 Beta=+2 FENCE OFF  
 LOC 23 RMS = 0.0734 Record 122: Q=33 Alpha=36 Beta=+2 FENCE ON

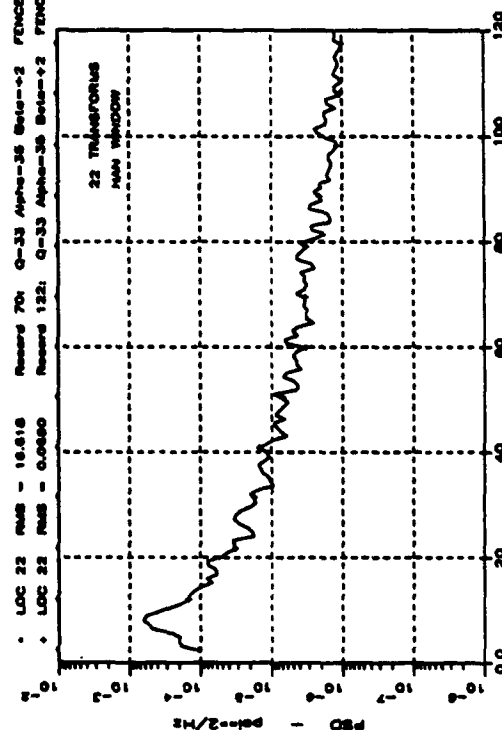


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 22 RMS = 0.0916 Record 70: Q=33 Alpha=36 Beta=+2 FENCE OFF  
 LOC 22 RMS = 0.0880 Record 122: Q=33 Alpha=36 Beta=+2 FENCE ON

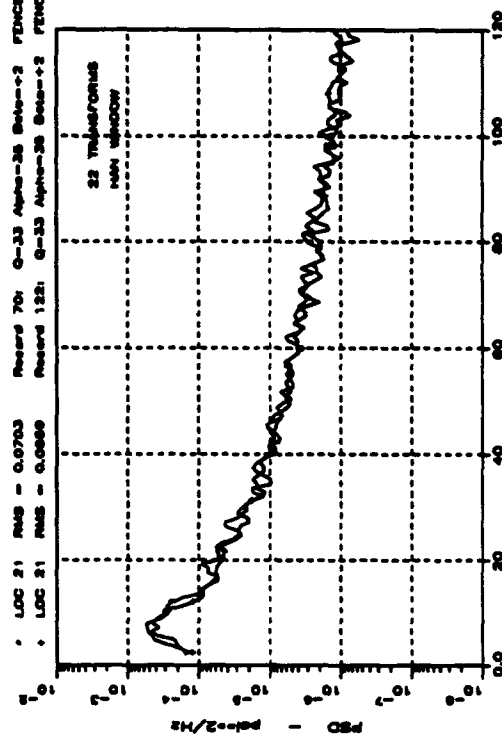


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 21 RMS = 0.0703 Record 70: Q=33 Alpha=36 Beta=+2 FENCE OFF  
 LOC 21 RMS = 0.0669 Record 122: Q=33 Alpha=36 Beta=+2 FENCE ON

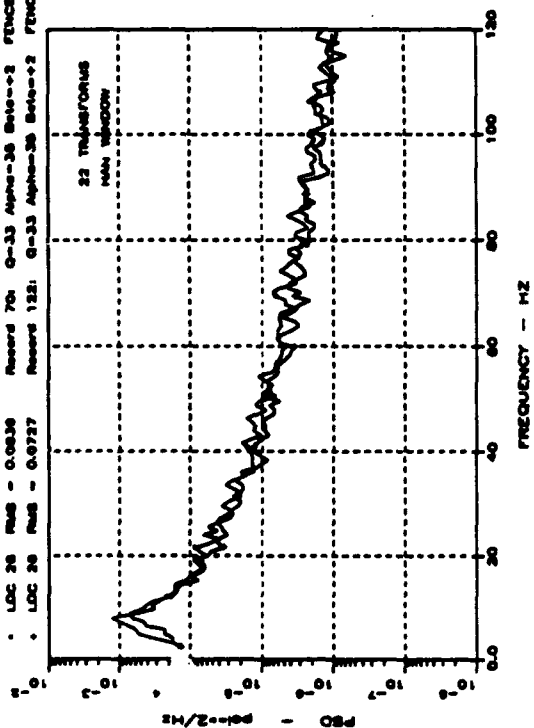


FREQUENCY - HZ

DELTA F = 0.798

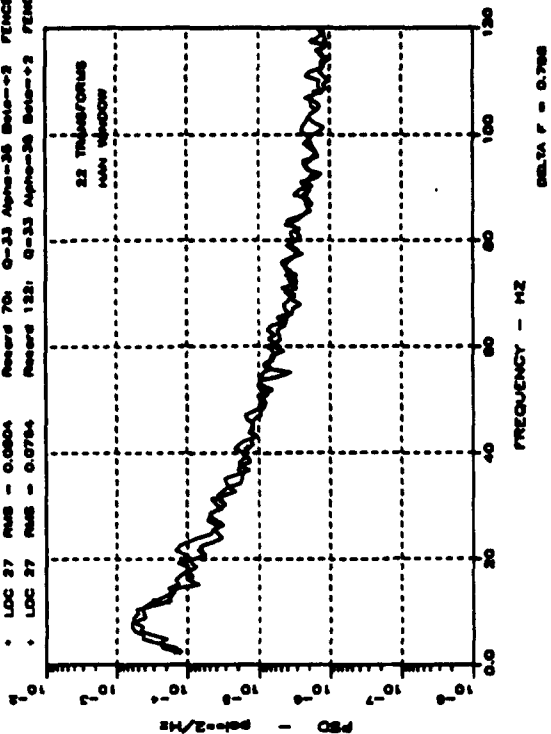
F-16 Tail Buffet Test

• LOC 26 RMS = 0.0836 Record 70: Q-33 Alpha-36 Beta-+2 FENCE OFF  
• LOC 26 RMS = 0.0727 Record 122: Q-33 Alpha-36 Beta-+2 FENCE ON



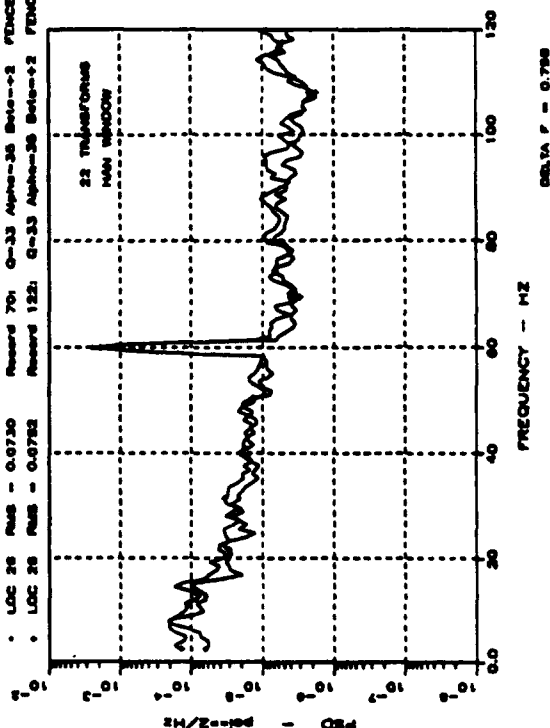
F-16 Tail Buffet Test

• LOC 27 RMS = 0.0804 Record 70: Q-33 Alpha-36 Beta-+2 FENCE OFF  
• LOC 27 RMS = 0.0754 Record 122: Q-33 Alpha-36 Beta-+2 FENCE ON



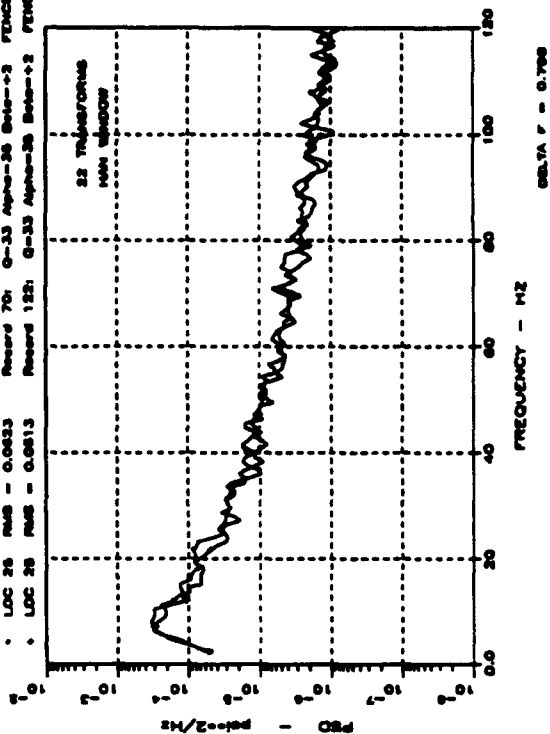
F-16 Tail Buffet Test

• LOC 26 RMS = 0.0730 Record 70: Q-33 Alpha-36 Beta-+2 FENCE OFF  
• LOC 26 RMS = 0.0752 Record 122: Q-33 Alpha-36 Beta-+2 FENCE ON



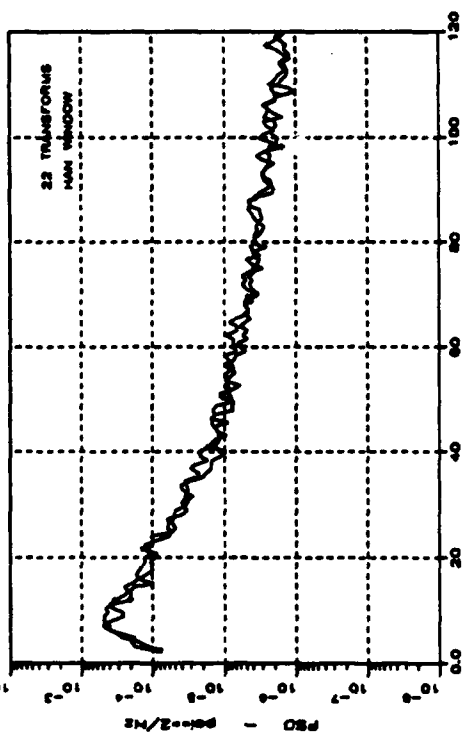
F-16 Tail Buffet Test

• LOC 26 RMS = 0.0833 Record 70: Q-33 Alpha-36 Beta-+2 FENCE OFF  
• LOC 26 RMS = 0.0813 Record 122: Q-33 Alpha-36 Beta-+2 FENCE ON



# F-16 Tail Buffet Test

LOC 32 RMS = 0.0770 Record 70: Q-33 Alpha-30 Beta=+2 FENCE OFF  
LOC 32 RMS = 0.0798 Record 122: Q-33 Alpha-30 Beta=+2 FENCE ON

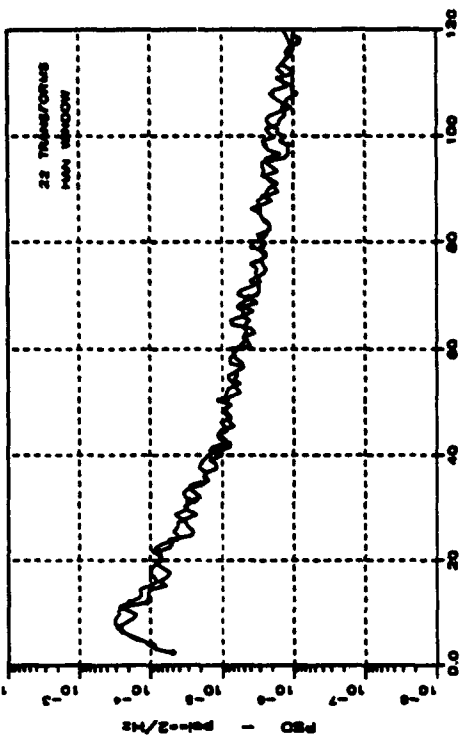


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 31 RMS = 0.0810 Record 70: Q-33 Alpha-30 Beta=+2 FENCE OFF  
LOC 31 RMS = 0.0810 Record 122: Q-33 Alpha-30 Beta=+2 FENCE ON

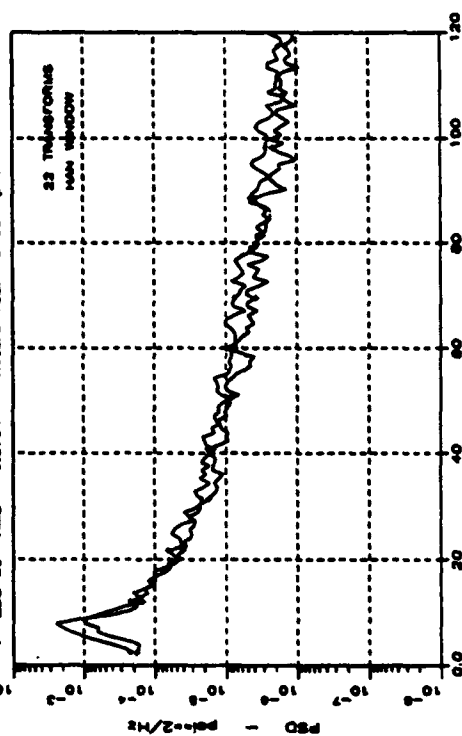


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 30 RMS = 0.103 Record 70: Q-33 Alpha-30 Beta=+2 FENCE OFF  
LOC 30 RMS = 0.0794 Record 122: Q-33 Alpha-30 Beta=+2 FENCE ON

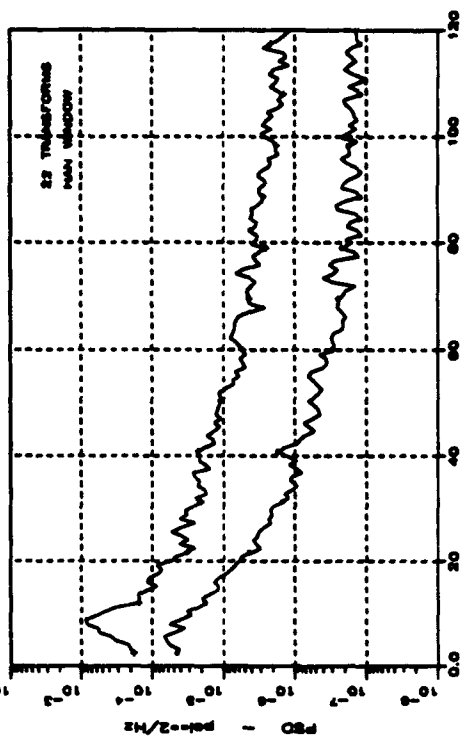


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 29 RMS = 0.0248 Record 70: Q-33 Alpha-30 Beta=+2 FENCE OFF  
LOC 29 RMS = 0.0798 Record 122: Q-33 Alpha-30 Beta=+2 FENCE ON

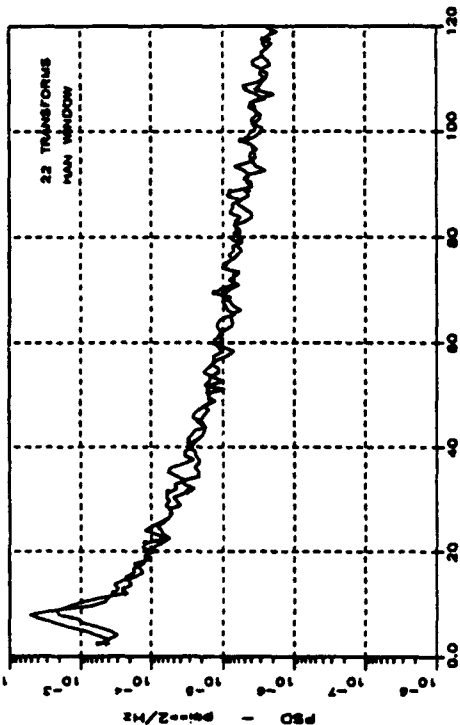


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

• LOC 36 RUS = 0.137 Record 70: Q-33 Alpha-35 Beta-2 FENCE OFF  
• LOC 36 RUS = 0.110 Record 122: Q-33 Alpha-35 Beta-2 FENCE ON

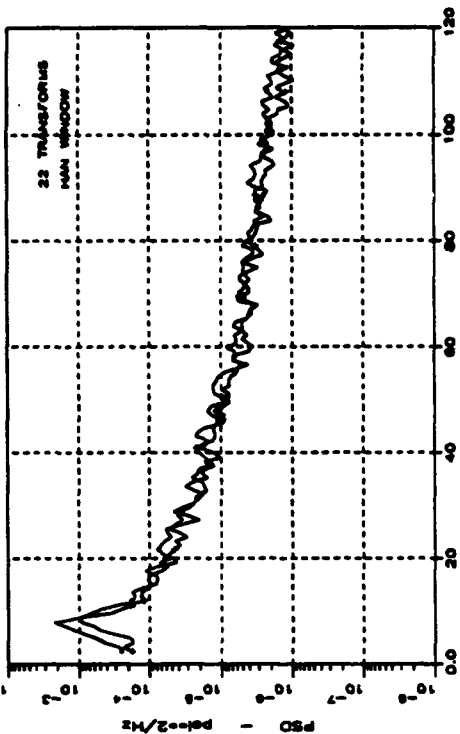


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

• LOC 36 RUS = 0.0888 Record 70: Q-33 Alpha-35 Beta-2 FENCE OFF  
• LOC 36 RUS = 0.0790 Record 122: Q-33 Alpha-35 Beta-2 FENCE ON

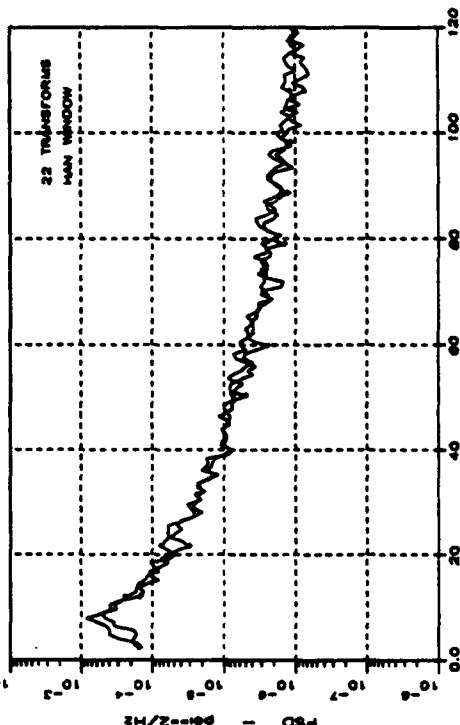


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

• LOC 34 RUS = 0.0760 Record 70: Q-33 Alpha-35 Beta-2 FENCE OFF  
• LOC 34 RUS = 0.0680 Record 122: Q-33 Alpha-35 Beta-2 FENCE ON

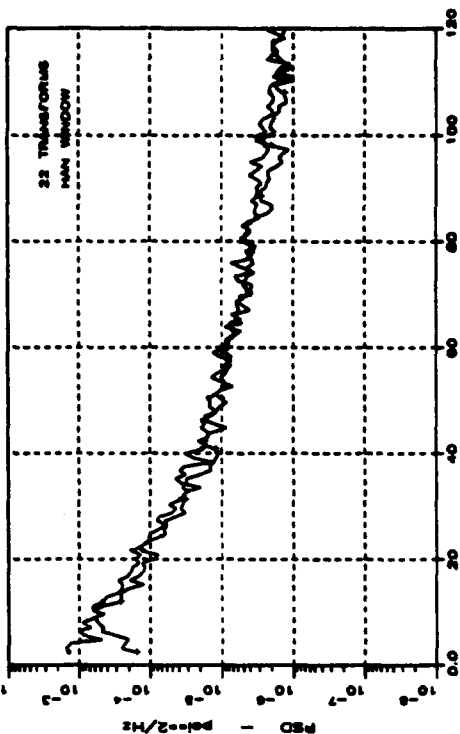


FREQUENCY - HZ

DELTA F = 0.798

F-18 Tail Buffet Test

• LOC 33 RUS = 0.111 Record 70: Q-33 Alpha-35 Beta-2 FENCE OFF  
• LOC 33 RUS = 0.0828 Record 122: Q-33 Alpha-35 Beta-2 FENCE ON



FREQUENCY - HZ

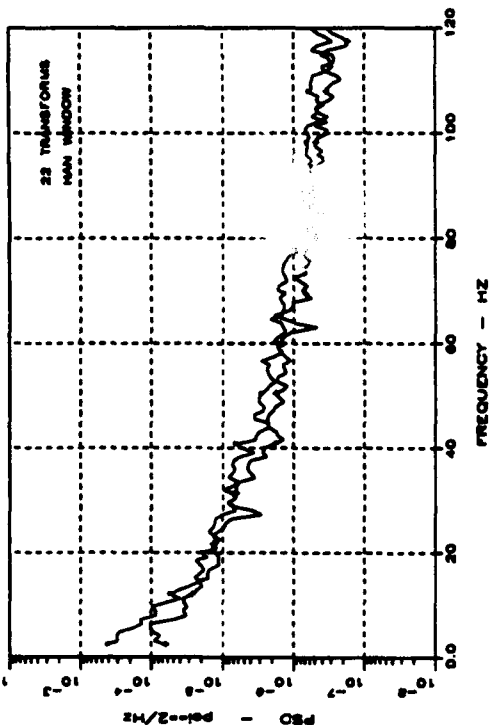
DELTA F = 0.798





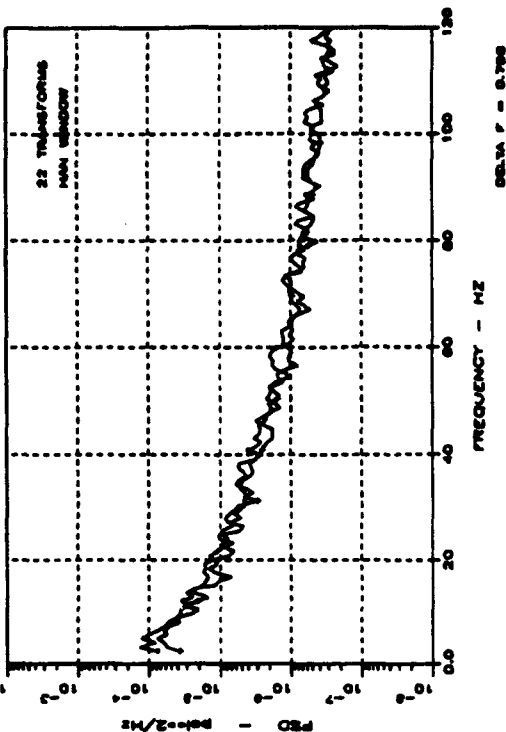
# F-16 Tail Buffet Test

LOC 4 RUS = 0.0473 Record 87: Q-33 Alpha-35 Beta-4 FENCE OFF  
LOC 4 RUS = 0.0310 Record 120: Q-33 Alpha-35 Beta-4 FENCE ON



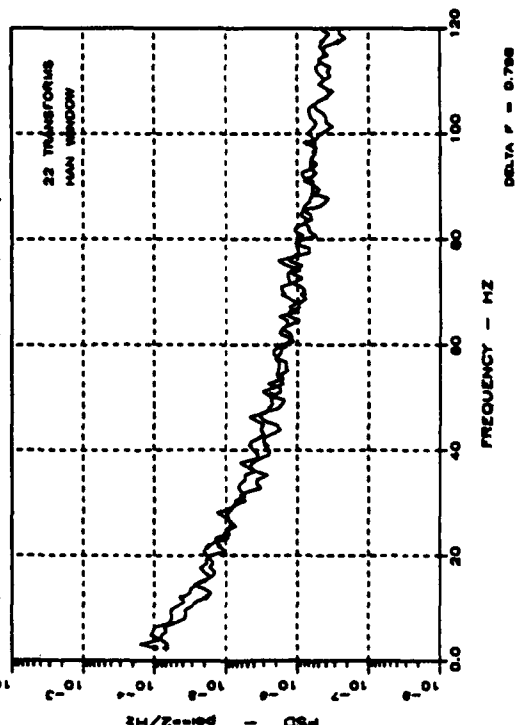
# F-16 Tail Buffet Test

LOC 3 RUS = 0.0326 Record 87: Q-33 Alpha-35 Beta-4 FENCE OFF  
LOC 3 RUS = 0.0578 Record 120: Q-33 Alpha-35 Beta-4 FENCE ON



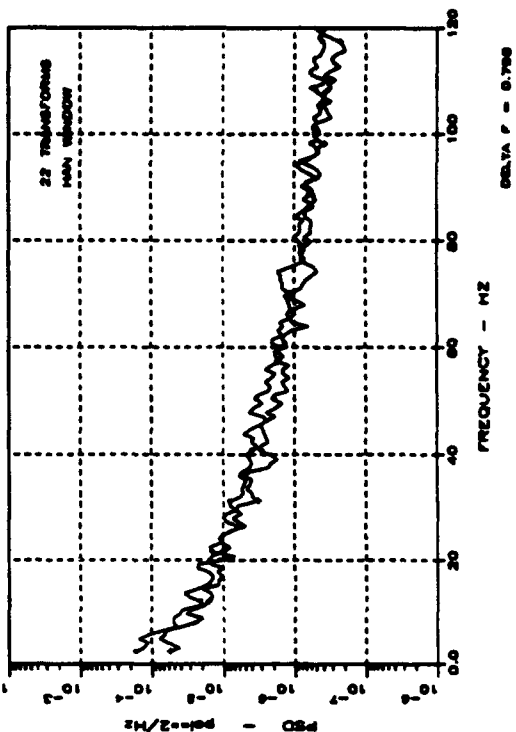
# F-16 Tail Buffet Test

LOC 2 RUS = 0.0382 Record 87: Q-33 Alpha-35 Beta-4 FENCE OFF  
LOC 2 RUS = 0.0304 Record 120: Q-33 Alpha-35 Beta-4 FENCE ON



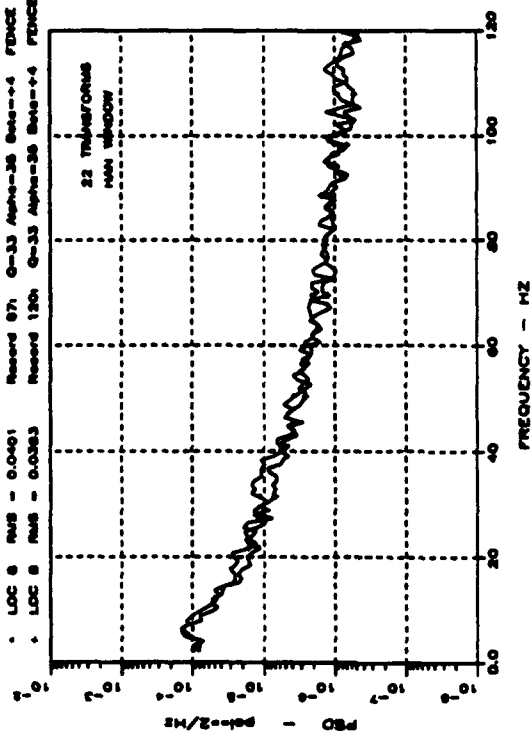
# F-16 Tail Buffet Test

LOC 1 RUS = 0.0360 Record 87: Q-33 Alpha-35 Beta-4 FENCE OFF  
LOC 1 RUS = 0.0572 Record 120: Q-33 Alpha-35 Beta-4 FENCE ON



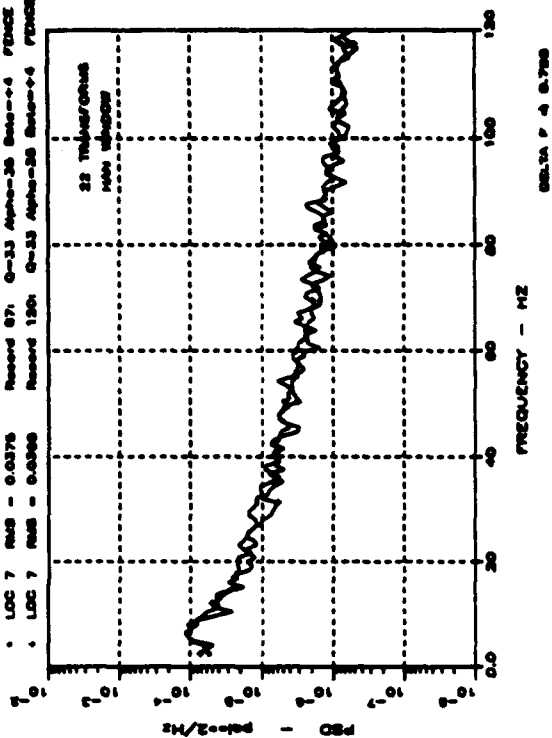
# F-18 Tail Buffet Test

LOC 8 RMS = 0.0401 Record 87: Q-33 Alpha-35 Beta-4 FENCE OFF  
LOC 8 RMS = 0.0383 Record 120: Q-33 Alpha-35 Beta-4 FENCE ON



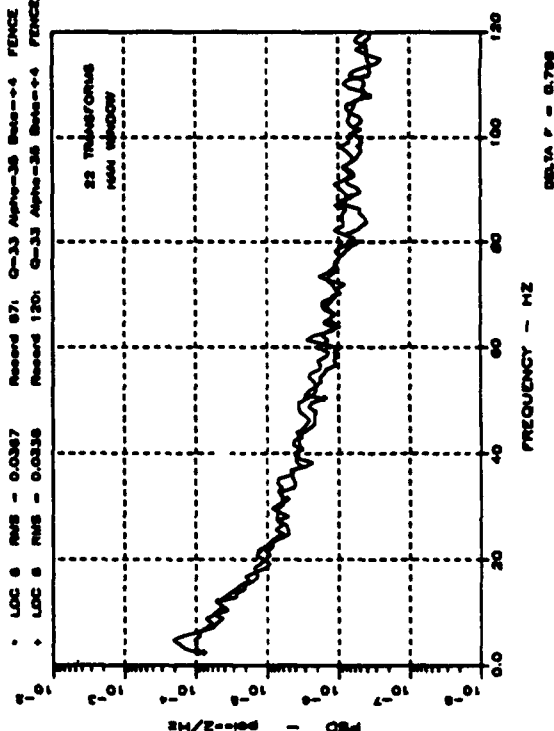
# F-18 Tail Buffet Test

LOC 7 RMS = 0.0375 Record 87: Q-33 Alpha-35 Beta-4 FENCE OFF  
LOC 7 RMS = 0.0366 Record 120: Q-33 Alpha-35 Beta-4 FENCE ON



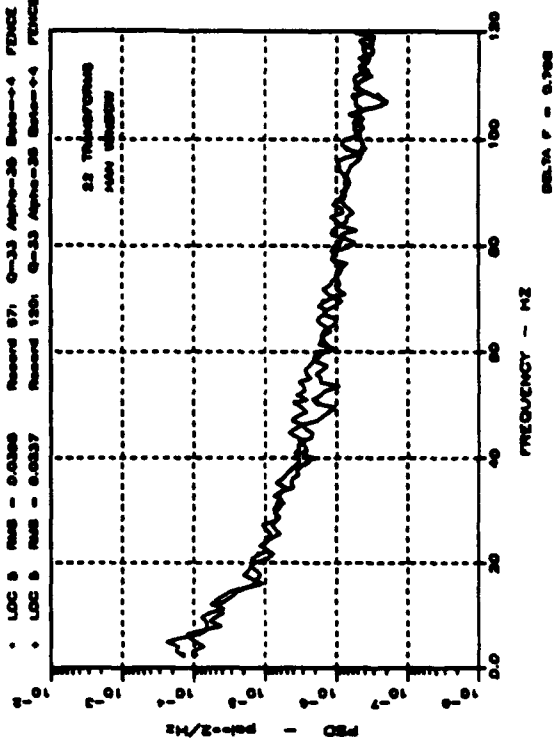
# F-18 Tail Buffet Test

LOC 8 RMS = 0.0387 Record 87: Q-33 Alpha-35 Beta-4 FENCE OFF  
LOC 8 RMS = 0.0336 Record 120: Q-33 Alpha-35 Beta-4 FENCE ON



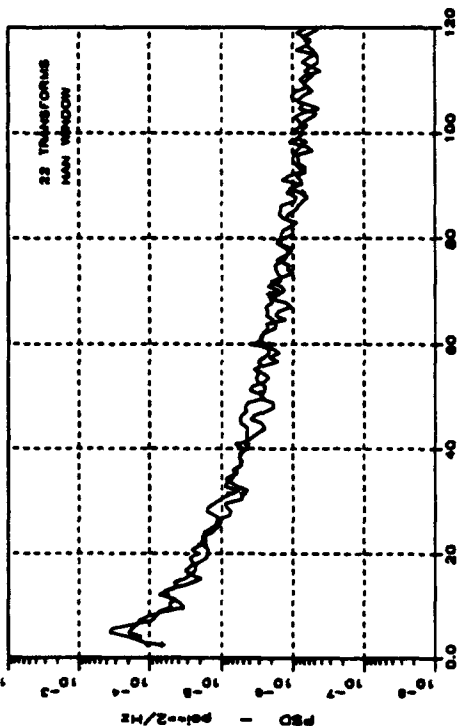
# F-18 Tail Buffet Test

LOC 8 RMS = 0.0366 Record 87: Q-33 Alpha-35 Beta-4 FENCE OFF  
LOC 8 RMS = 0.0337 Record 120: Q-33 Alpha-35 Beta-4 FENCE ON



# F-16 Tail Buffet Test

• LOC 12 RMS = 0.0480 Record 87: Q=33 Alpha=35 Beta=+4 FENCE OFF  
 • LOC 12 RMS = 0.0403 Record 120: Q=33 Alpha=35 Beta=+4 FENCE ON

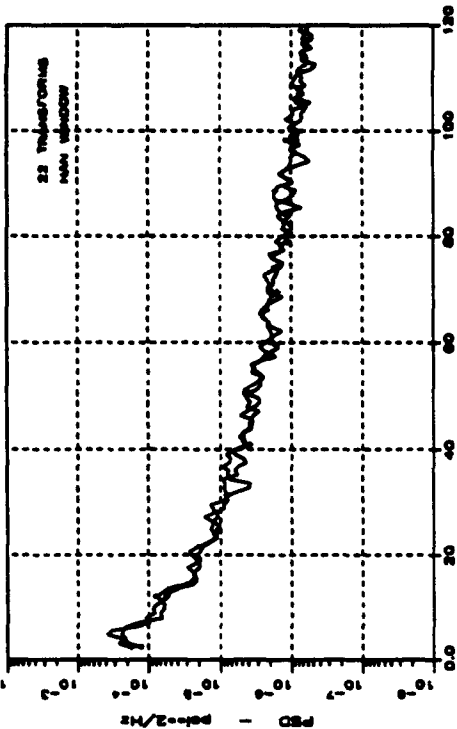


FREQUENCY - HZ

DELTA P = 0.798

# F-16 Tail Buffet Test

• LOC 11 RMS = 0.0471 Record 87: Q=33 Alpha=35 Beta=+4 FENCE OFF  
 • LOC 11 RMS = 0.0446 Record 120: Q=33 Alpha=35 Beta=+4 FENCE ON

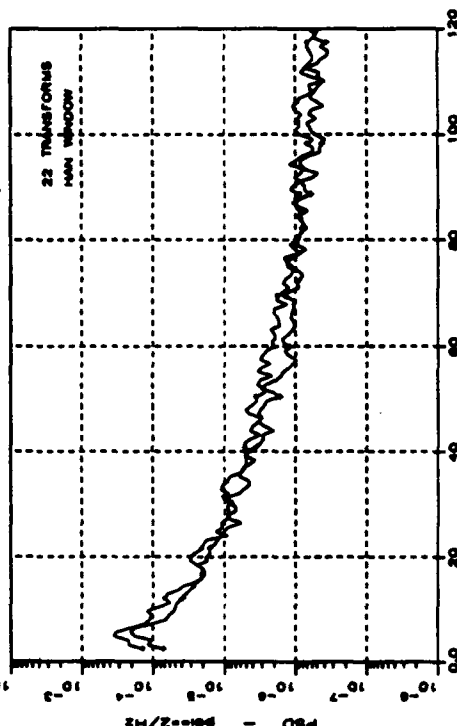


FREQUENCY - HZ

DELTA P = 0.798

# F-16 Tail Buffet Test

• LOC 10 RMS = 0.0482 Record 87: Q=33 Alpha=35 Beta=+4 FENCE OFF  
 • LOC 10 RMS = 0.0383 Record 120: Q=33 Alpha=35 Beta=+4 FENCE ON

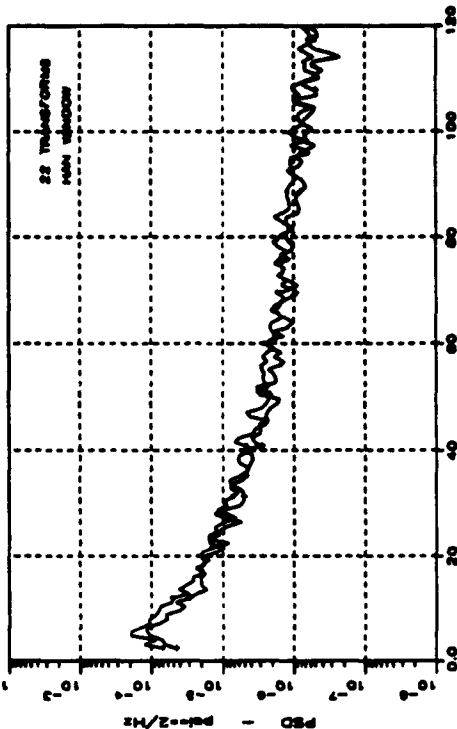


FREQUENCY - HZ

DELTA P = 0.798

# F-16 Tail Buffet Test

• LOC 9 RMS = 0.0398 Record 87: Q=33 Alpha=35 Beta=+4 FENCE OFF  
 • LOC 9 RMS = 0.0336 Record 120: Q=33 Alpha=35 Beta=+4 FENCE ON

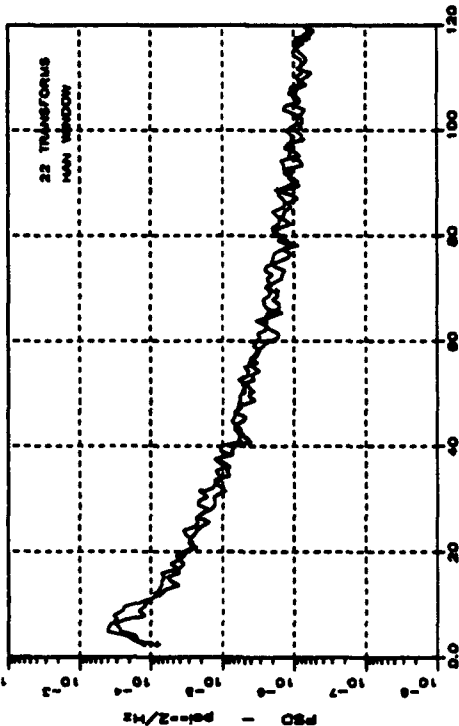


FREQUENCY - HZ

DELTA P = 0.798

# F-16 Tail Buffet Test

LOC 16 RMS = 0.0800 Record 67: Q-33 Alpha-36 Beta-4 FENCE OFF  
LOC 16 RMS = 0.0807 Record 120: Q-33 Alpha-36 Beta-4 FENCE ON

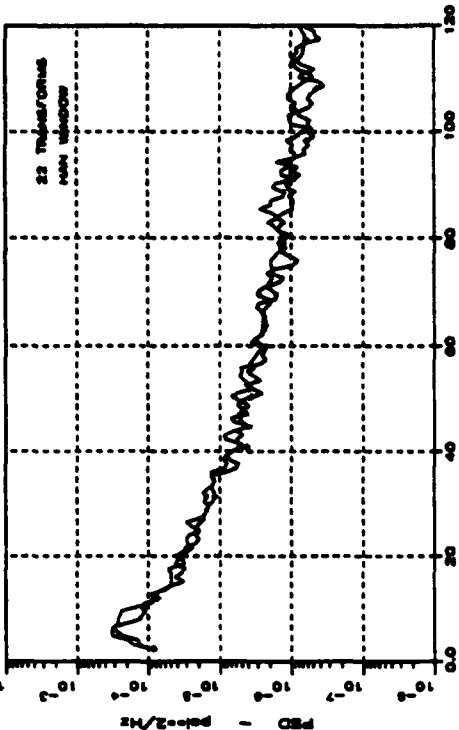


FREQUENCY - HZ

DELTA F = 0.700

# F-16 Tail Buffet Test

LOC 16 RMS = 0.0806 Record 67: Q-33 Alpha-36 Beta-4 FENCE OFF  
LOC 16 RMS = 0.0804 Record 120: Q-33 Alpha-36 Beta-4 FENCE ON

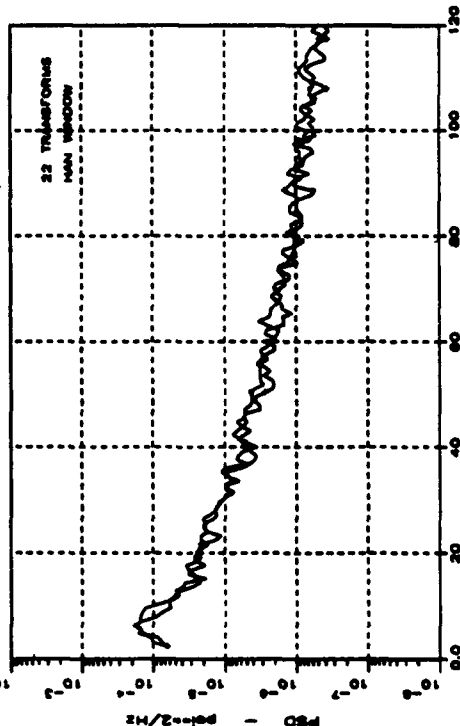


FREQUENCY - HZ

DELTA F = 0.700

# F-16 Tail Buffet Test

LOC 14 RMS = 0.0430 Record 67: Q-33 Alpha-36 Beta-4 FENCE OFF  
LOC 14 RMS = 0.0399 Record 120: Q-33 Alpha-36 Beta-4 FENCE ON

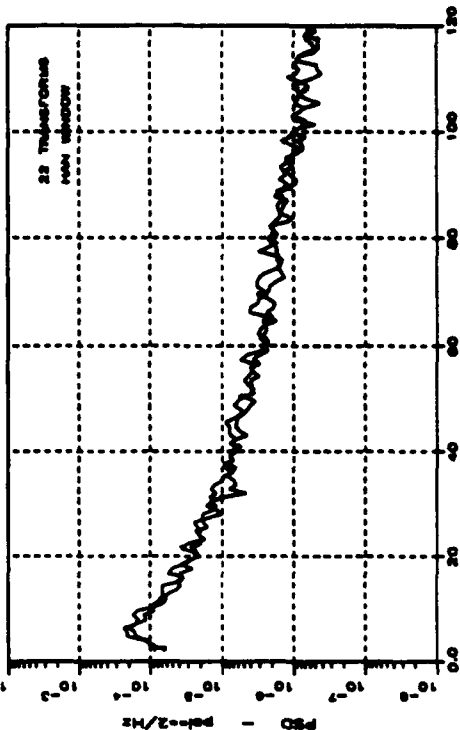


FREQUENCY - HZ

DELTA F = 0.700

# F-16 Tail Buffet Test

LOC 13 RMS = 0.0401 Record 67: Q-33 Alpha-36 Beta-4 FENCE OFF  
LOC 13 RMS = 0.0405 Record 120: Q-33 Alpha-36 Beta-4 FENCE ON

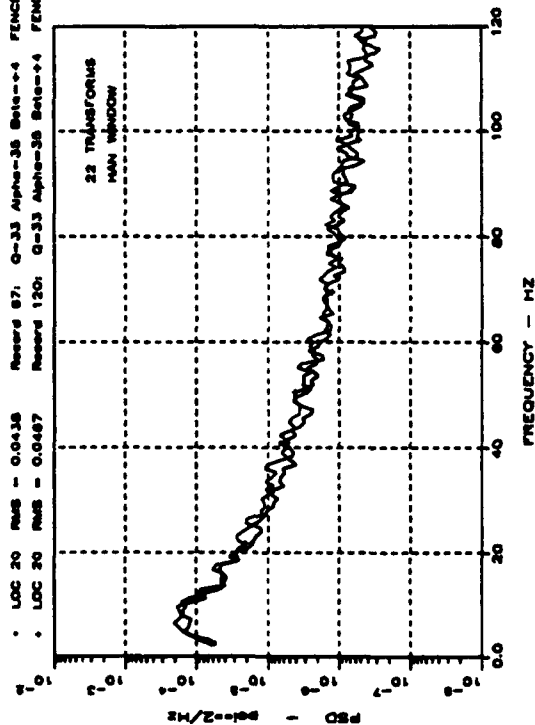


FREQUENCY - HZ

DELTA F = 0.700

# F-16 Tail Buffet Test

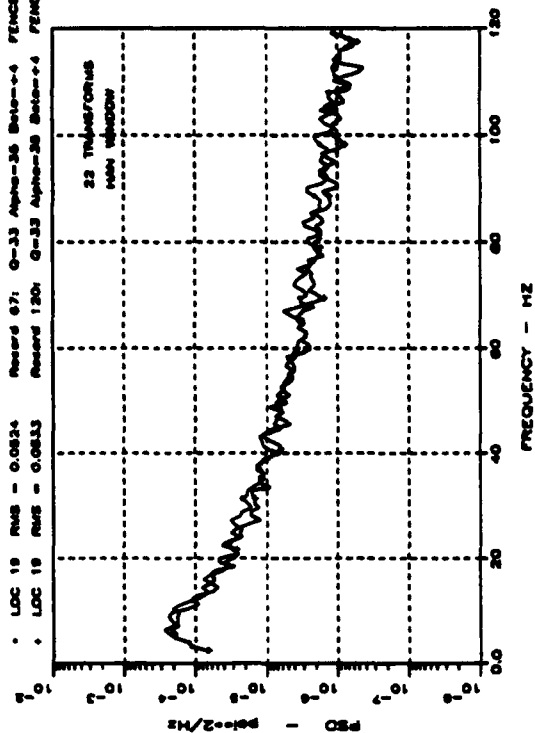
• LOC 20 RMS = 0.0436 Record 87: Q-33 Alpha-35 Beta=+4 FENCE OFF  
 • LOC 20 RMS = 0.0467 Record 120: Q-33 Alpha-35 Beta=+4 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

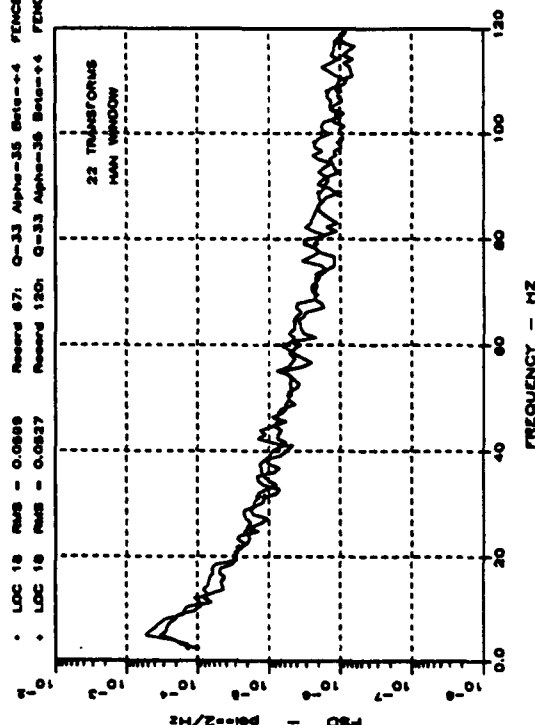
• LOC 19 RMS = 0.0824 Record 87: Q-33 Alpha-35 Beta=+4 FENCE OFF  
 • LOC 19 RMS = 0.0833 Record 120: Q-33 Alpha-35 Beta=+4 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

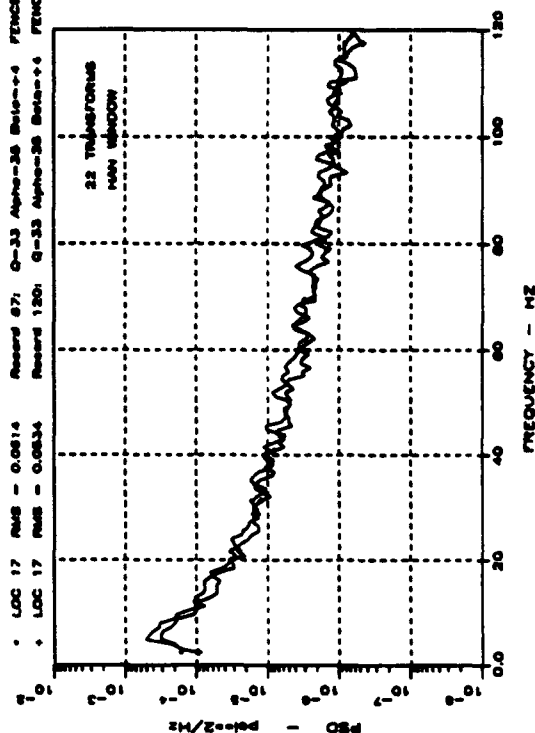
• LOC 18 RMS = 0.0886 Record 87: Q-33 Alpha-35 Beta=+4 FENCE OFF  
 • LOC 18 RMS = 0.0827 Record 120: Q-33 Alpha-35 Beta=+4 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

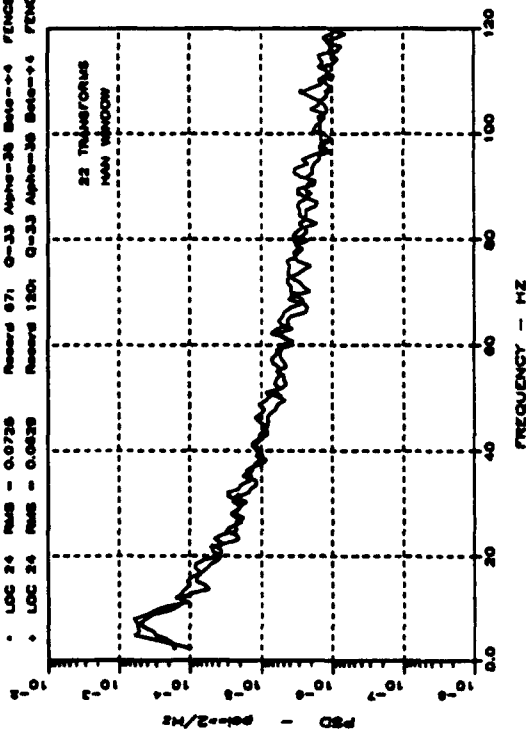
• LOC 17 RMS = 0.0814 Record 87: Q-33 Alpha-35 Beta=+4 FENCE OFF  
 • LOC 17 RMS = 0.0834 Record 120: Q-33 Alpha-35 Beta=+4 FENCE ON



DELTA F = 0.798

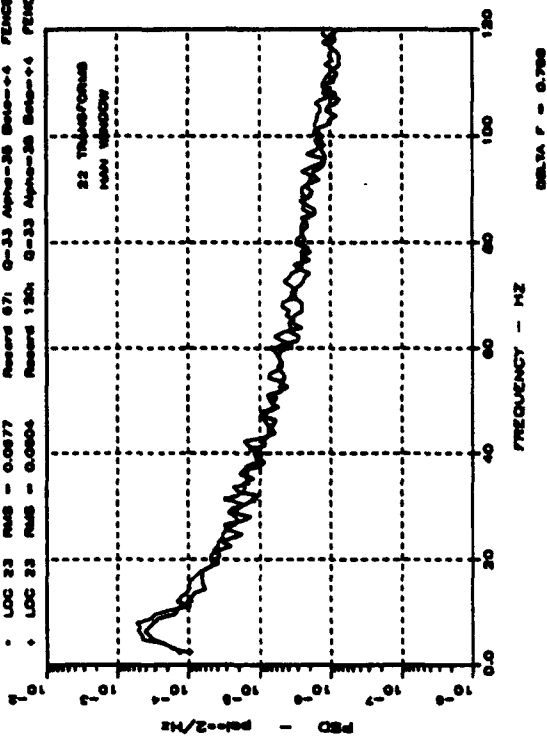
# F-18 Tail Buffet Test

• LOC 24 RMS = 0.0726 Record 87: Q=33 Alpha=36 Beta=+4 FENCE OFF  
 • LOC 24 RMS = 0.0439 Record 120: Q=33 Alpha=36 Beta=+4 FENCE ON



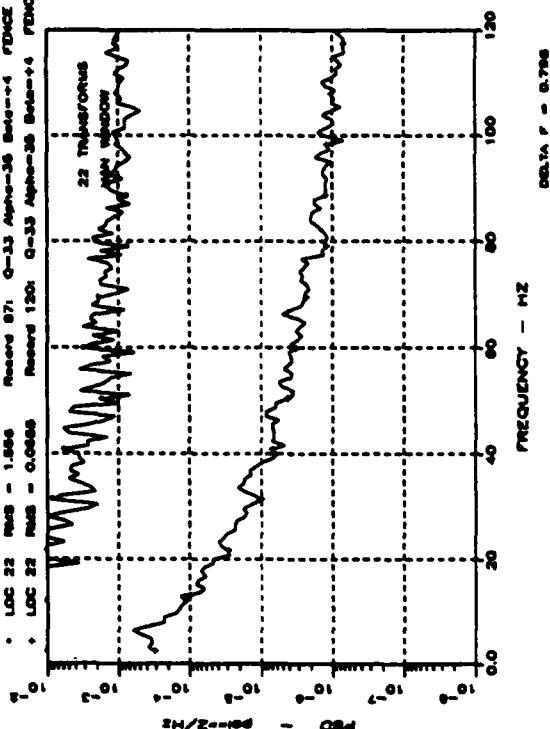
# F-18 Tail Buffet Test

• LOC 23 RMS = 0.0877 Record 87: Q=33 Alpha=36 Beta=+4 FENCE OFF  
 • LOC 23 RMS = 0.0804 Record 120: Q=33 Alpha=36 Beta=+4 FENCE ON



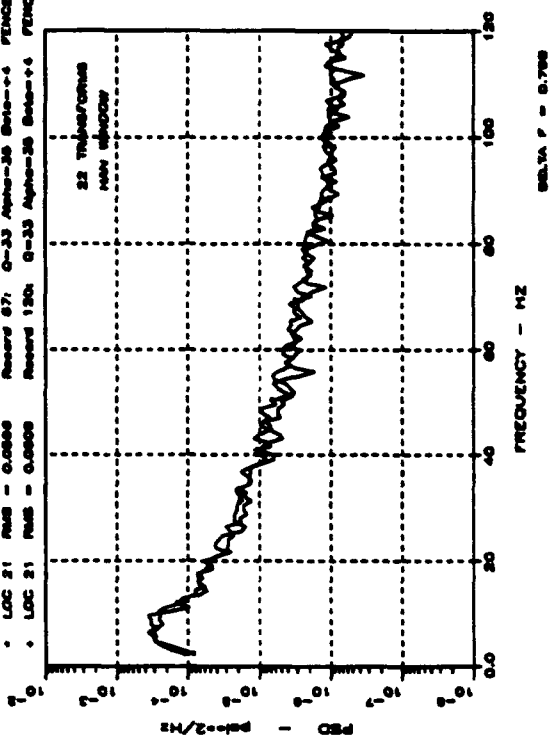
# F-18 Tail Buffet Test

• LOC 22 RMS = 1.556 Record 87: Q=33 Alpha=36 Beta=+4 FENCE OFF  
 • LOC 22 RMS = 0.0466 Record 120: Q=33 Alpha=36 Beta=+4 FENCE ON



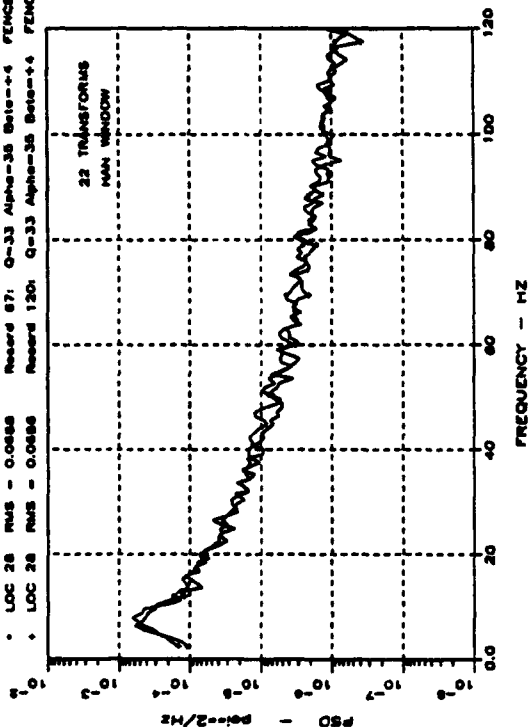
# F-18 Tail Buffet Test

• LOC 21 RMS = 0.0806 Record 87: Q=33 Alpha=36 Beta=+4 FENCE OFF  
 • LOC 21 RMS = 0.0806 Record 120: Q=33 Alpha=36 Beta=+4 FENCE ON



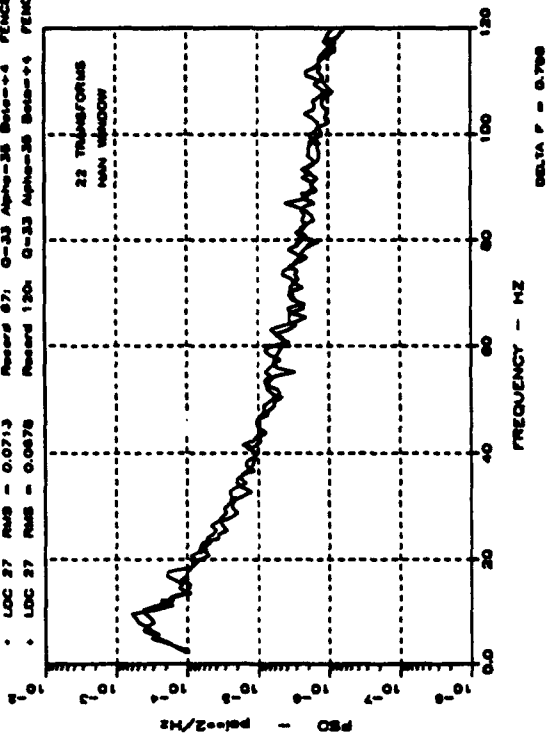
F-16 Tail Buffet Test

• LOC 28 RMS = 0.0486 Record 67: Q=33 Alpha=35 Beta=+4 FENCE OFF  
• LOC 28 RMS = 0.0486 Record 120: Q=33 Alpha=35 Beta=+4 FENCE ON



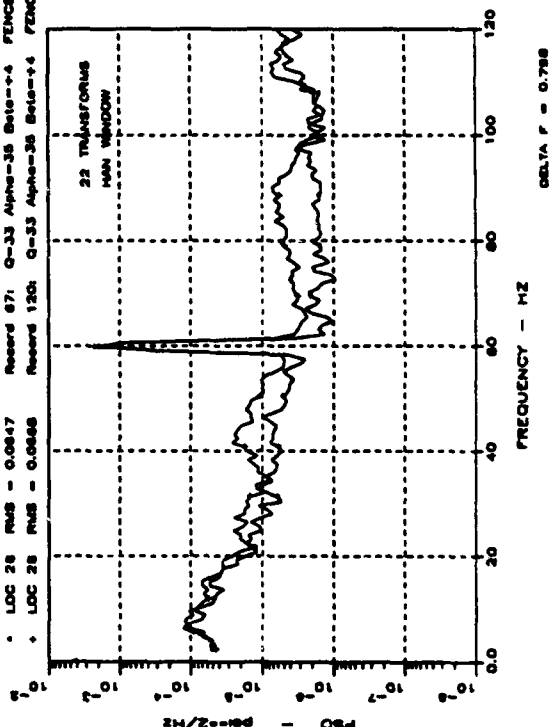
F-16 Tail Buffet Test

• LOC 27 RMS = 0.0713 Record 67: Q=33 Alpha=35 Beta=+4 FENCE OFF  
• LOC 27 RMS = 0.0478 Record 120: Q=33 Alpha=35 Beta=+4 FENCE ON



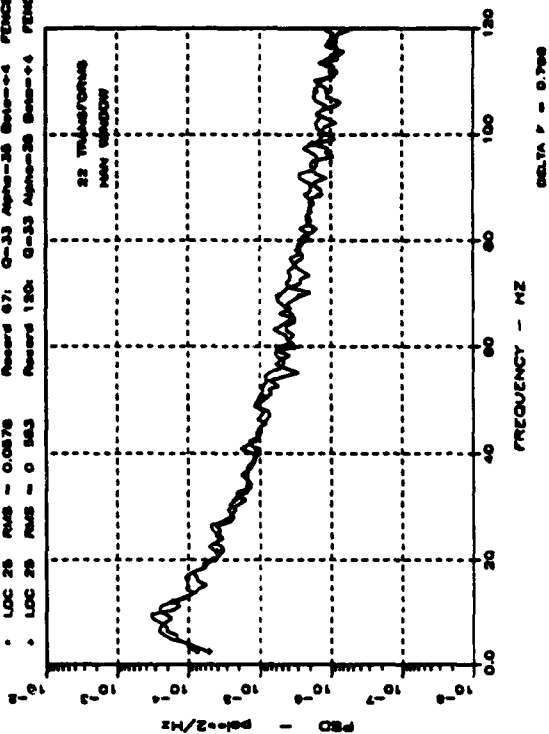
F-16 Tail Buffet Test

• LOC 28 RMS = 0.0417 Record 67: Q=33 Alpha=35 Beta=+4 FENCE OFF  
• LOC 28 RMS = 0.0486 Record 120: Q=33 Alpha=35 Beta=+4 FENCE ON



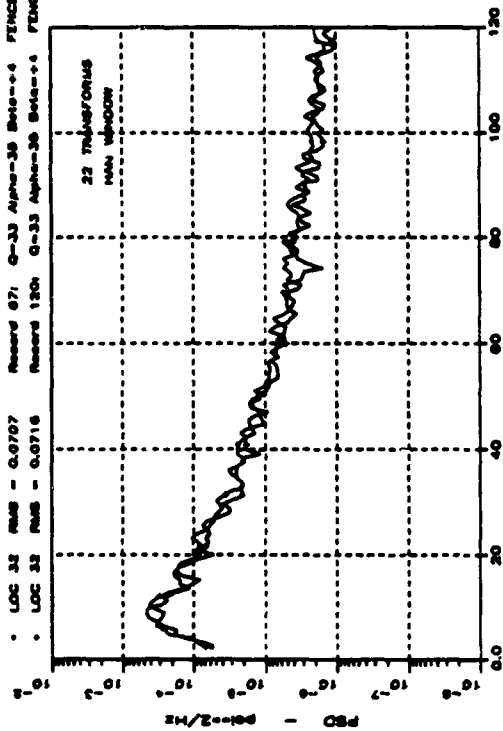
F-16 Tail Buffet Test

• LOC 26 RMS = 0.0878 Record 67: Q=33 Alpha=35 Beta=+4 FENCE OFF  
• LOC 26 RMS = 0.543 Record 120: Q=33 Alpha=35 Beta=+4 FENCE ON



# F-16 Tail Buffet Test

• LOC 32 RMS = 0.0707 Record 67: Q-33 Alpha-36 Beta-4 FENCE OFF  
 • LOC 32 RMS = 0.0716 Record 120: Q-33 Alpha-36 Beta-4 FENCE ON

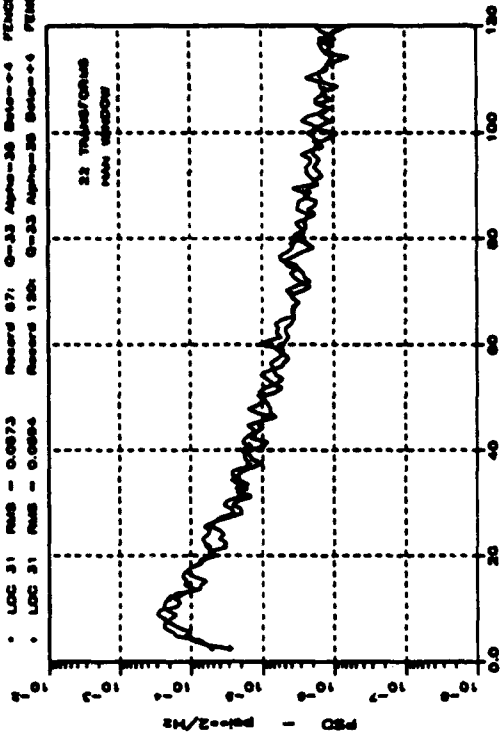


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 31 RMS = 0.0873 Record 67: Q-33 Alpha-36 Beta-4 FENCE OFF  
 • LOC 31 RMS = 0.0894 Record 120: Q-33 Alpha-36 Beta-4 FENCE ON

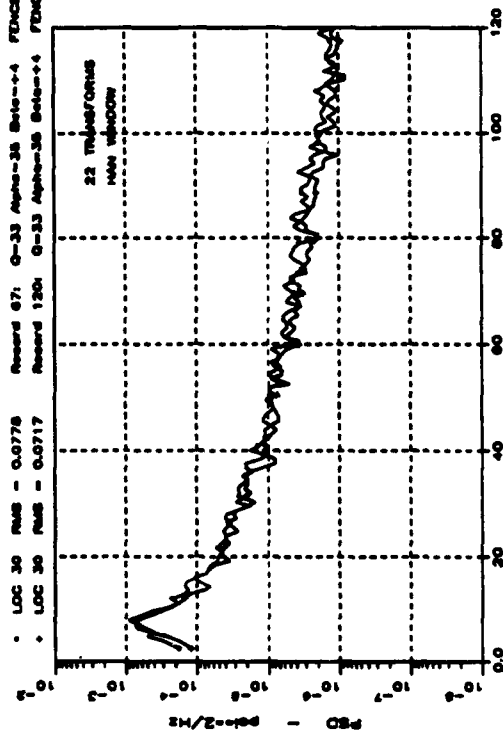


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 30 RMS = 0.0776 Record 67: Q-33 Alpha-36 Beta-4 FENCE OFF  
 • LOC 30 RMS = 0.0717 Record 120: Q-33 Alpha-36 Beta-4 FENCE ON

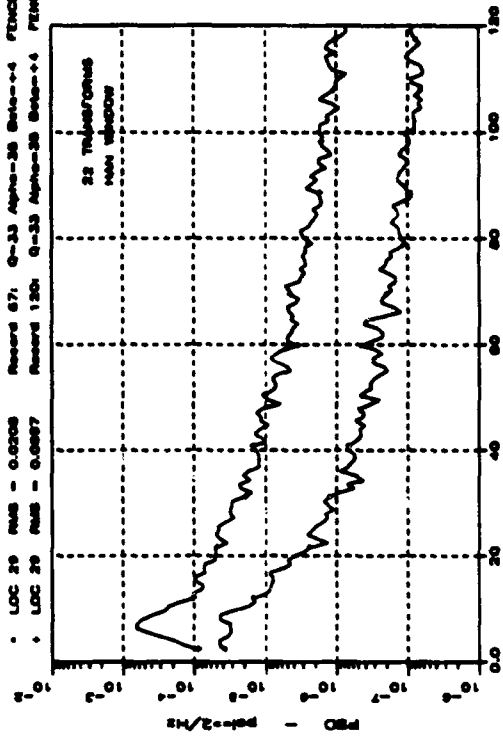


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 29 RMS = 0.0208 Record 67: Q-33 Alpha-36 Beta-4 FENCE OFF  
 • LOC 29 RMS = 0.0887 Record 120: Q-33 Alpha-36 Beta-4 FENCE ON



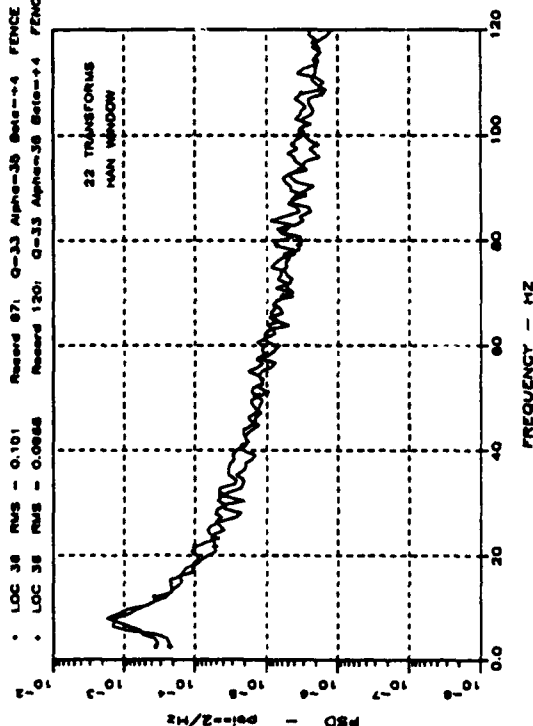
FREQUENCY - HZ

DELTA F = 0.798



# F-16 Tail Buffet Test

LOC 36 RMS = 0.101 Record 87: Q-33 Alpha-35 Beta-44 FENCE OFF  
LOC 36 RMS = 0.0646 Record 120: Q-33 Alpha-35 Beta-44 FENCE ON

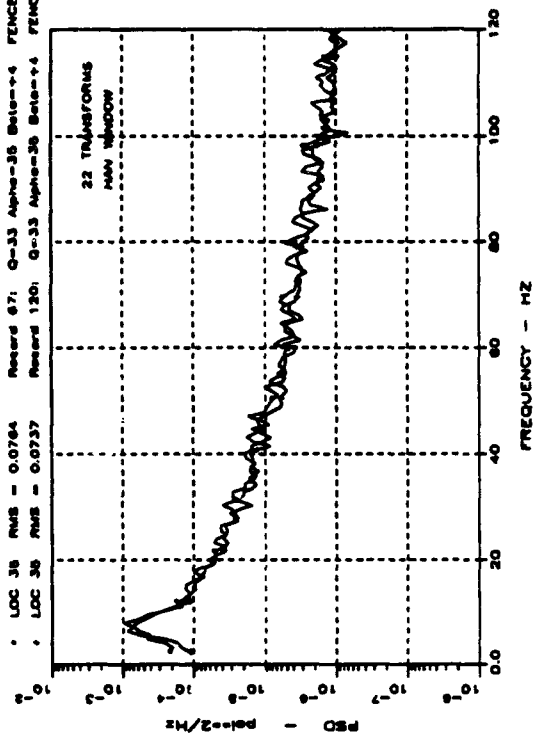


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 36 RMS = 0.0764 Record 87: Q-33 Alpha-35 Beta-44 FENCE OFF  
LOC 36 RMS = 0.0737 Record 120: Q-33 Alpha-35 Beta-44 FENCE ON

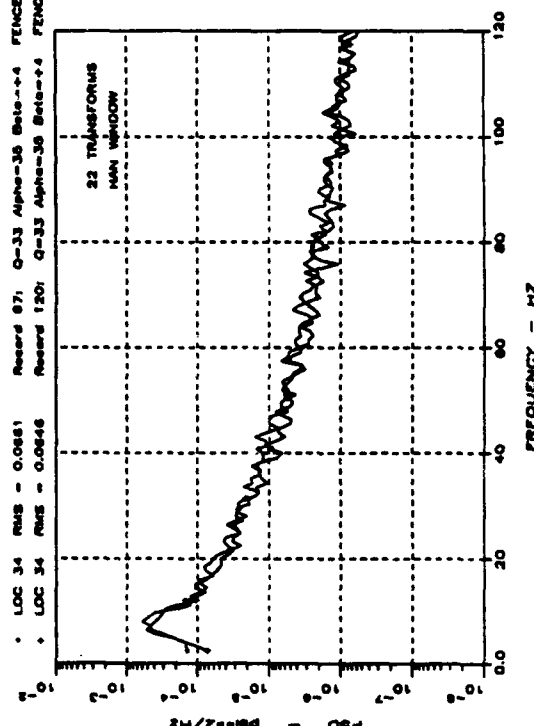


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 34 RMS = 0.0661 Record 87: Q-33 Alpha-35 Beta-44 FENCE OFF  
LOC 34 RMS = 0.0646 Record 120: Q-33 Alpha-35 Beta-44 FENCE ON

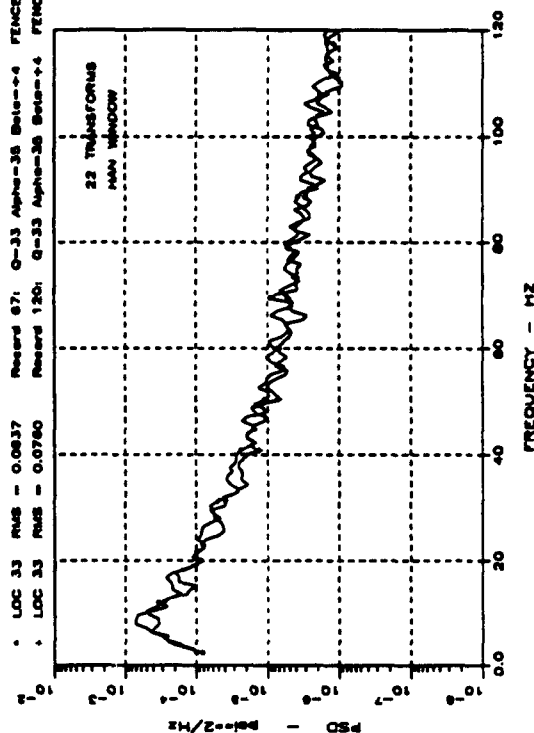


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 33 RMS = 0.0837 Record 87: Q-33 Alpha-35 Beta-44 FENCE OFF  
LOC 33 RMS = 0.0760 Record 120: Q-33 Alpha-35 Beta-44 FENCE ON



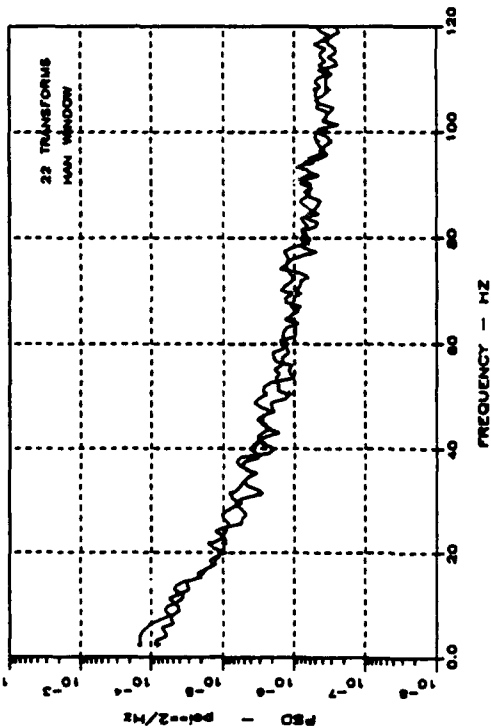
FREQUENCY - HZ

DELTA F = 0.798



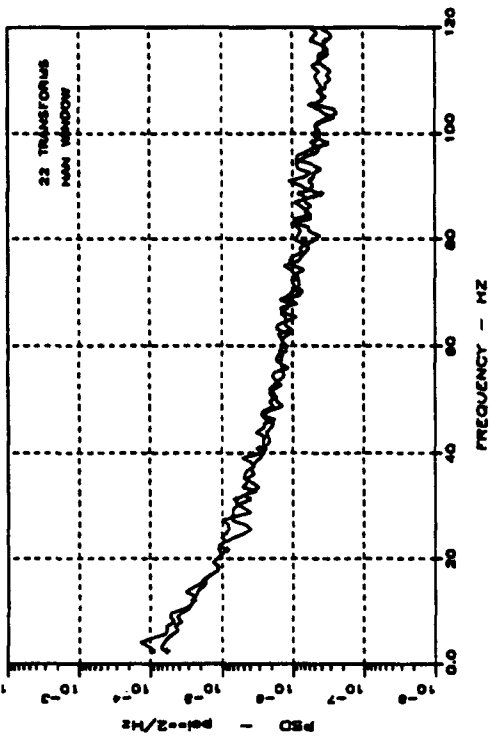
# F-16 Tail Buffet Test

LOC 4 RMS = 0.0366 Record 86: Q-33 Alpha-35 Beta-+6 FENCE OFF  
 LOC 4 RMS = 0.0310 Record 118: Q-33 Alpha-35 Beta-+6 FENCE ON



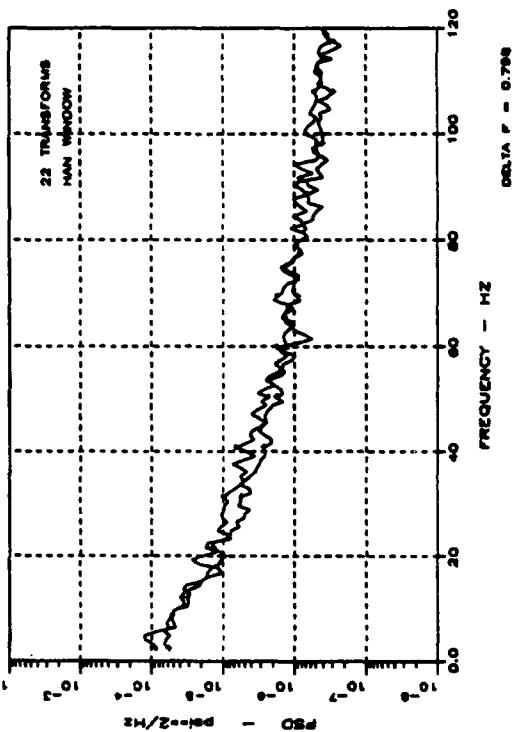
# F-16 Tail Buffet Test

LOC 3 RMS = 0.0321 Record 86: Q-33 Alpha-35 Beta-+6 FENCE OFF  
 LOC 3 RMS = 0.0281 Record 118: Q-33 Alpha-35 Beta-+6 FENCE ON



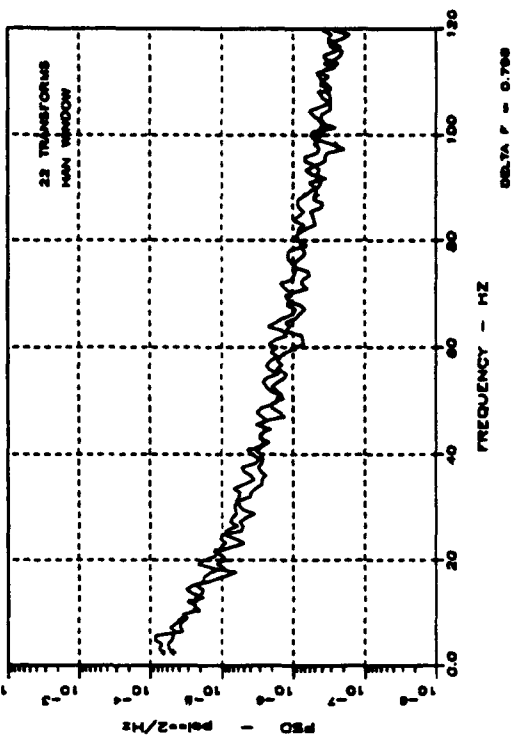
# F-16 Tail Buffet Test

LOC 2 RMS = 0.0336 Record 86: Q-33 Alpha-35 Beta-+6 FENCE OFF  
 LOC 2 RMS = 0.0301 Record 118: Q-33 Alpha-35 Beta-+6 FENCE ON



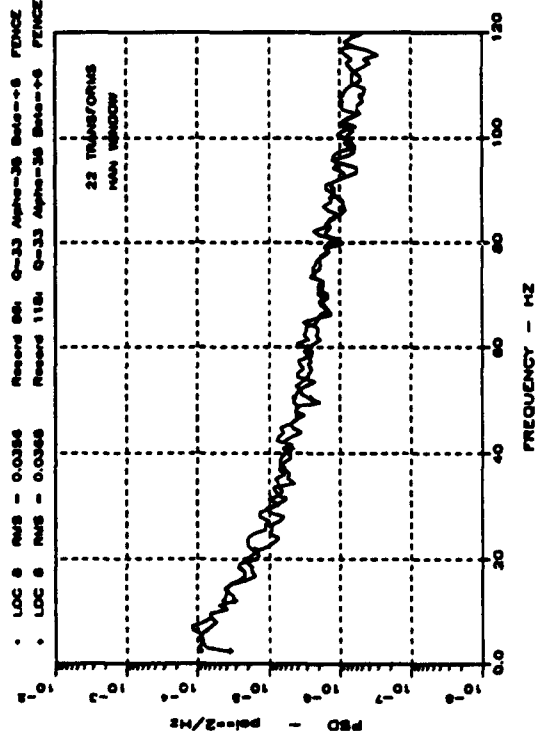
# F-16 Tail Buffet Test

LOC 1 RMS = 0.0294 Record 86: Q-33 Alpha-35 Beta-+6 FENCE OFF  
 LOC 1 RMS = 0.0273 Record 118: Q-33 Alpha-35 Beta-+6 FENCE ON



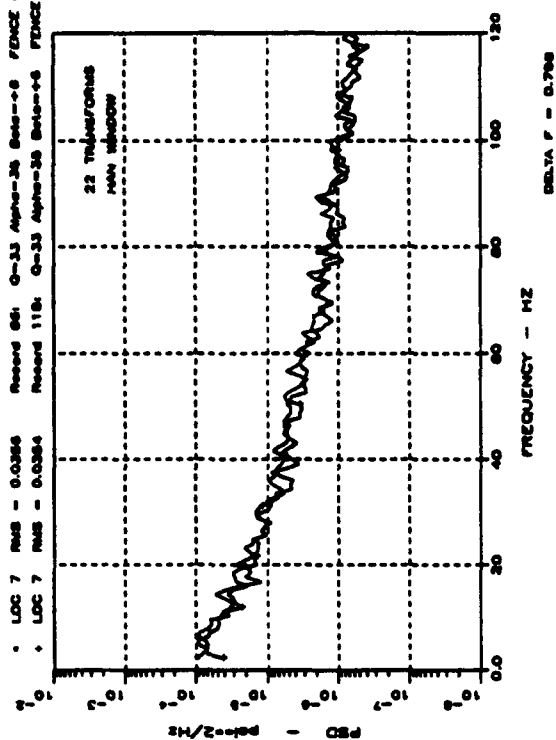
# F-18 Tail Buffet Test

LOC 8 RMS = 0.0386 Record 86: Q-33 Alpha-35 Beta-+6 FENCE OFF  
 LOC 8 RMS = 0.0366 Record 118: Q-33 Alpha-35 Beta-+6 FENCE ON



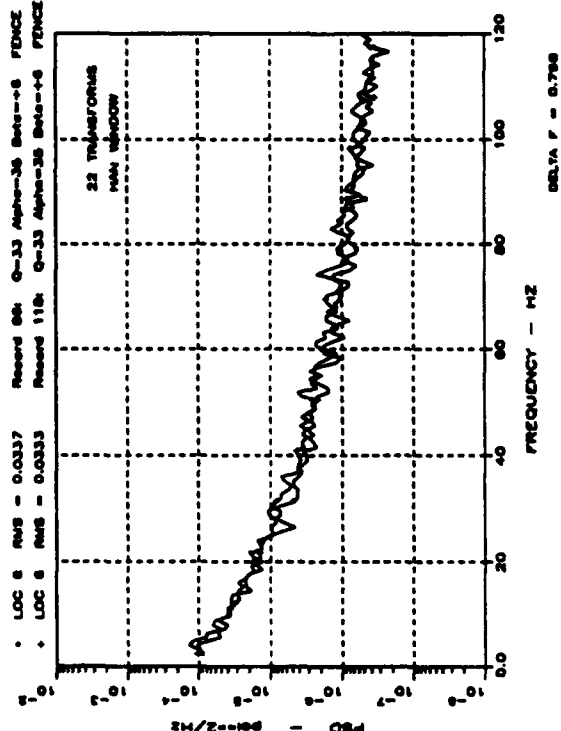
# F-18 Tail Buffet Test

LOC 7 RMS = 0.0366 Record 86: Q-33 Alpha-35 Beta-+6 FENCE OFF  
 LOC 7 RMS = 0.0364 Record 118: Q-33 Alpha-35 Beta-+6 FENCE ON



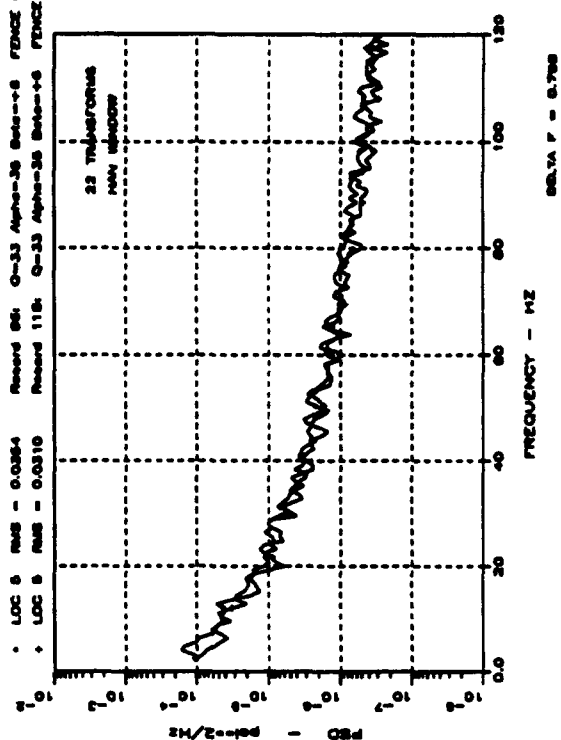
# F-18 Tail Buffet Test

LOC 6 RMS = 0.0337 Record 86: Q-33 Alpha-35 Beta-+6 FENCE OFF  
 LOC 6 RMS = 0.0333 Record 118: Q-33 Alpha-35 Beta-+6 FENCE ON



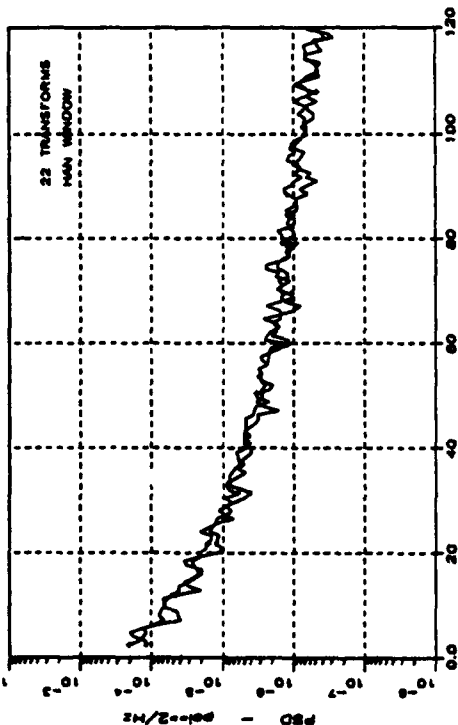
# F-18 Tail Buffet Test

LOC 5 RMS = 0.0364 Record 86: Q-33 Alpha-35 Beta-+6 FENCE OFF  
 LOC 5 RMS = 0.0310 Record 118: Q-33 Alpha-35 Beta-+6 FENCE ON



# F-16 Tail Buffet Test

LOC 12 RMS = 0.0383 Record 66: Q-33 Alpha-35 Beta-+6 FENCE OFF  
 LOC 12 RMS = 0.0386 Record 118: Q-33 Alpha-35 Beta-+6 FENCE ON

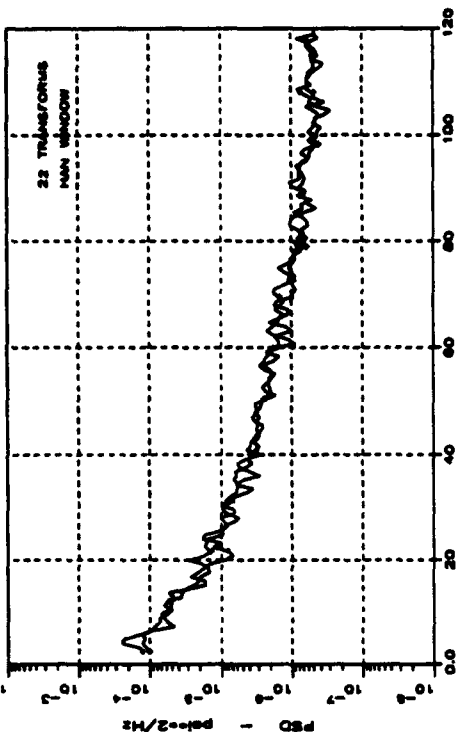


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 11 RMS = 0.0385 Record 66: Q-33 Alpha-35 Beta-+6 FENCE OFF  
 LOC 11 RMS = 0.0372 Record 118: Q-33 Alpha-35 Beta-+6 FENCE ON

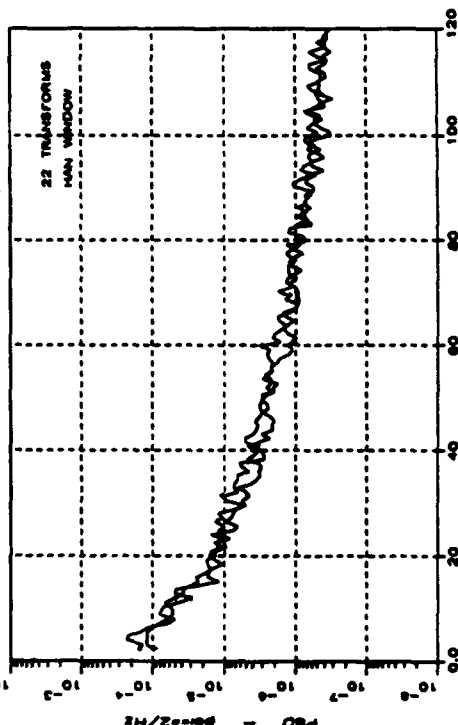


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 10 RMS = 0.0384 Record 66: Q-33 Alpha-35 Beta-+6 FENCE OFF  
 LOC 10 RMS = 0.0385 Record 118: Q-33 Alpha-35 Beta-+6 FENCE ON

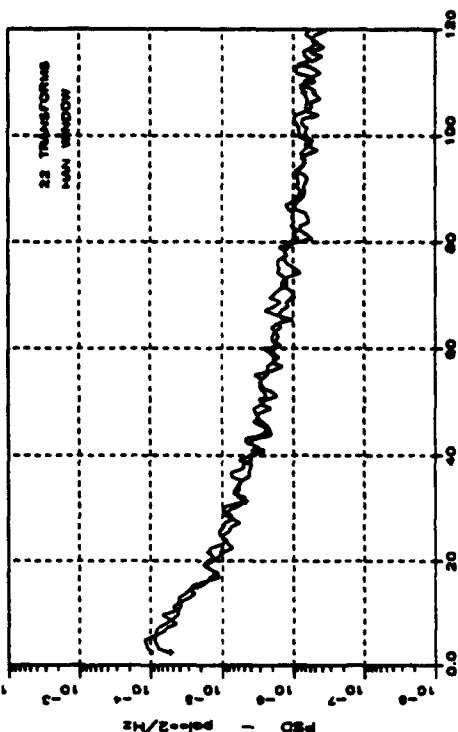


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 9 RMS = 0.0344 Record 66: Q-33 Alpha-35 Beta-+6 FENCE OFF  
 LOC 9 RMS = 0.0330 Record 118: Q-33 Alpha-35 Beta-+6 FENCE ON

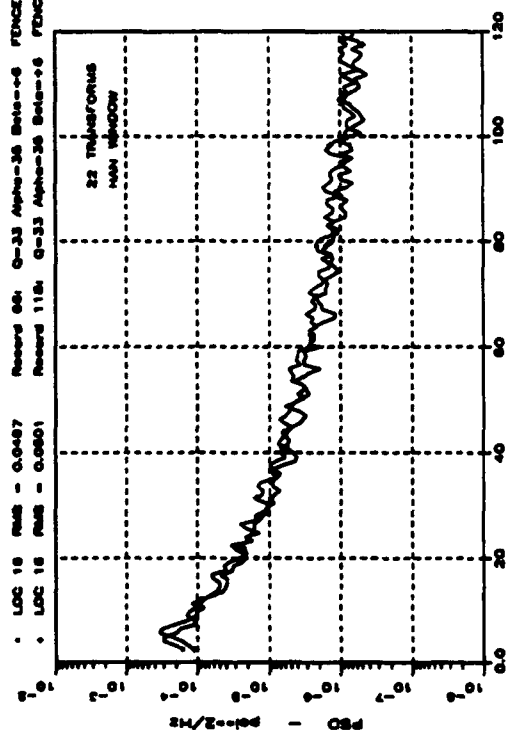


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

• LOC 16 RMS = 0.0487 Record 06: Q=33 Alpha=36 Beta=+6 FENCE OFF  
• LOC 16 RMS = 0.0501 Record 118: Q=33 Alpha=36 Beta=+6 FENCE ON

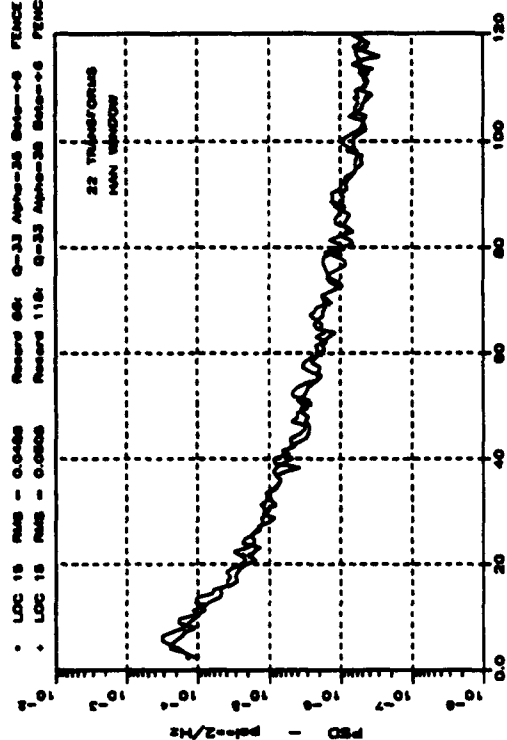


FREQUENCY - HZ

DELTA F = 0.750

# F-18 Tail Buffet Test

• LOC 16 RMS = 0.0488 Record 06: Q=33 Alpha=36 Beta=+6 FENCE OFF  
• LOC 16 RMS = 0.0505 Record 118: Q=33 Alpha=36 Beta=+6 FENCE ON

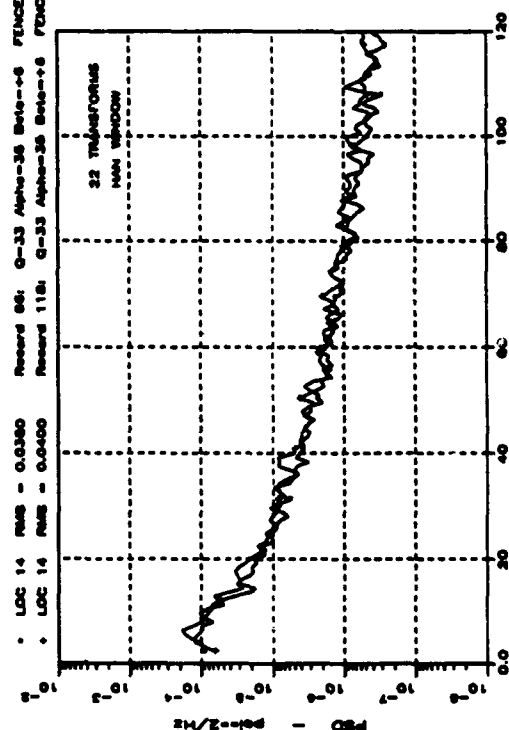


FREQUENCY - HZ

DELTA F = 0.750

# F-18 Tail Buffet Test

• LOC 14 RMS = 0.0360 Record 06: Q=33 Alpha=36 Beta=+6 FENCE OFF  
• LOC 14 RMS = 0.0400 Record 118: Q=33 Alpha=36 Beta=+6 FENCE ON

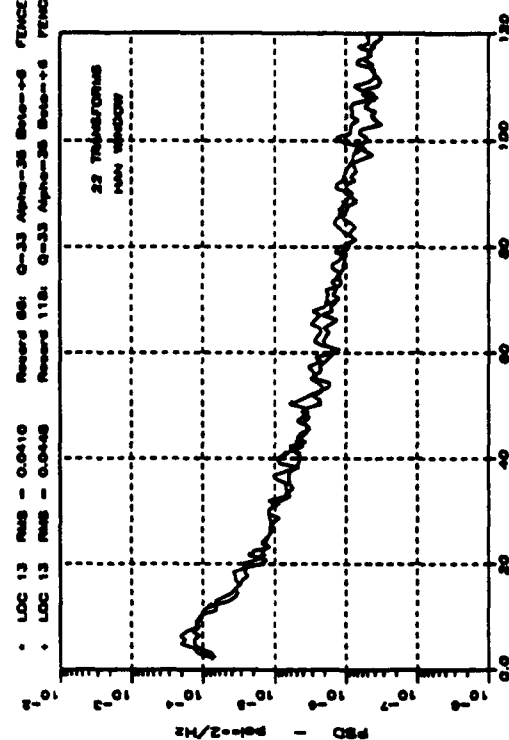


FREQUENCY - HZ

DELTA F = 0.750

# F-18 Tail Buffet Test

• LOC 13 RMS = 0.0410 Record 06: Q=33 Alpha=36 Beta=+6 FENCE OFF  
• LOC 13 RMS = 0.0448 Record 118: Q=33 Alpha=36 Beta=+6 FENCE ON

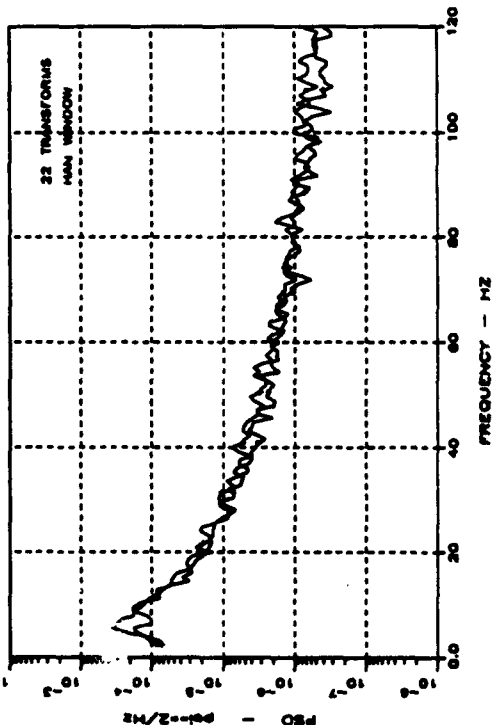


FREQUENCY - HZ

DELTA F = 0.750

# F-16 Tail Buffet Test

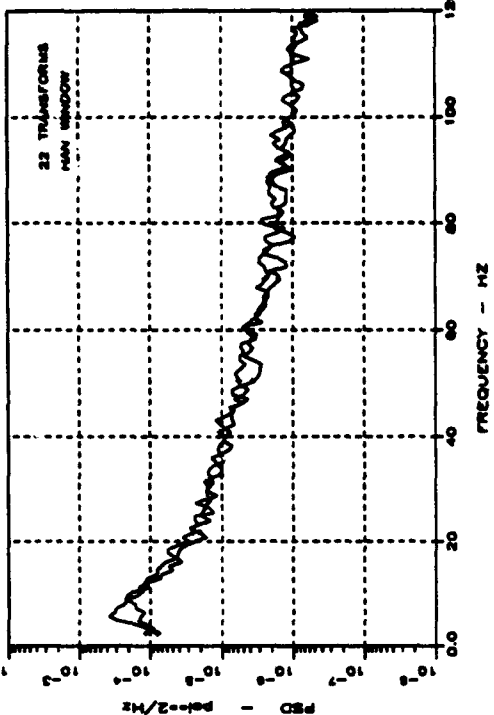
LOC 20 RMS = 0.0436    Record 06: Q-33 Alpha-36 Beta-+6    FENCE OFF  
 LOC 20 RMS = 0.0485    Record 118: Q-33 Alpha-36 Beta-+6    FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

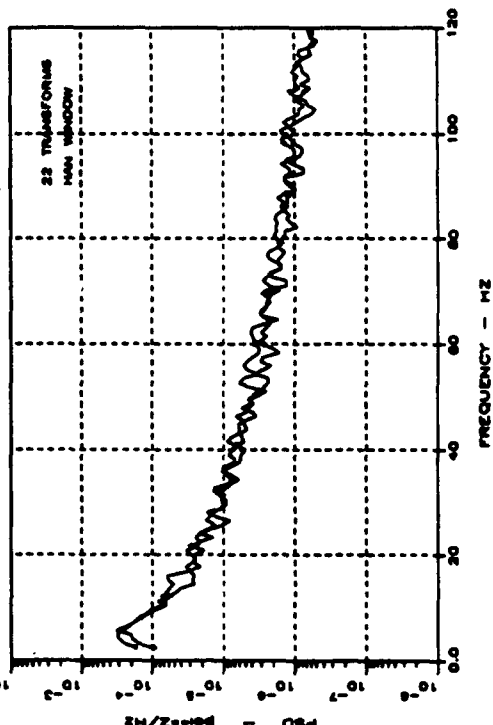
LOC 19 RMS = 0.0495    Record 06: Q-33 Alpha-36 Beta-+6    FENCE OFF  
 LOC 19 RMS = 0.0882    Record 118: Q-33 Alpha-36 Beta-+6    FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

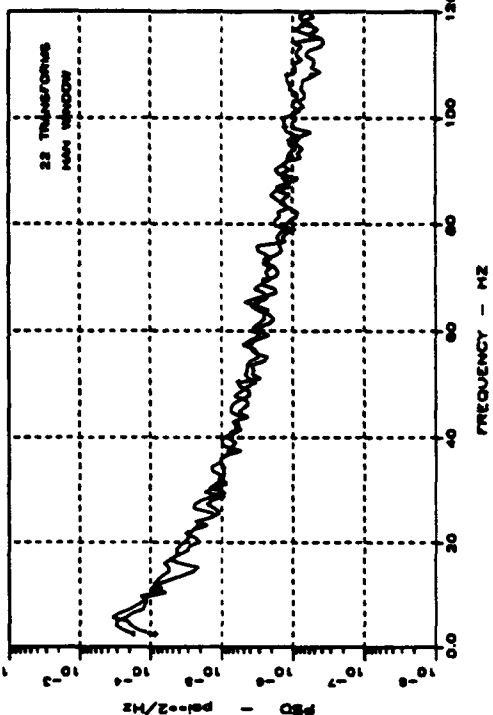
LOC 18 RMS = 0.0813    Record 06: Q-33 Alpha-36 Beta-+6    FENCE OFF  
 LOC 18 RMS = 0.0472    Record 118: Q-33 Alpha-36 Beta-+6    FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

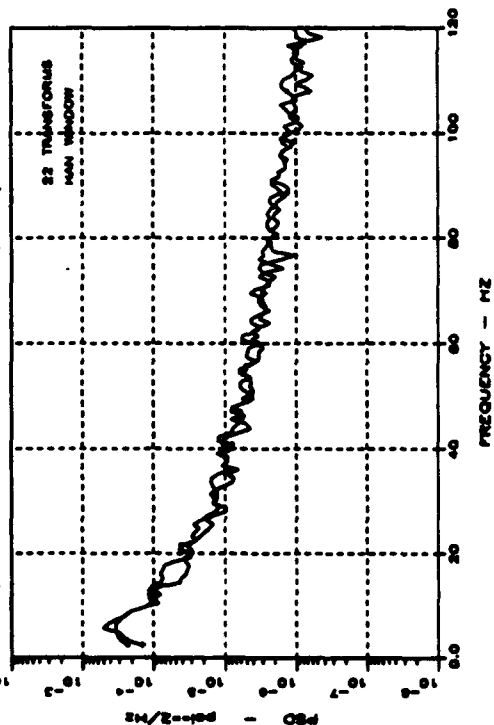
LOC 17 RMS = 0.0811    Record 06: Q-33 Alpha-36 Beta-+6    FENCE OFF  
 LOC 17 RMS = 0.0493    Record 118: Q-33 Alpha-36 Beta-+6    FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

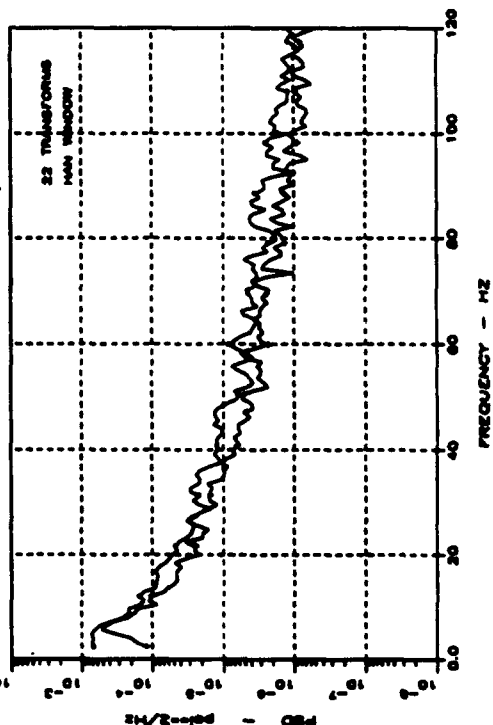
LOC 24 RMS = 0.0000 Record 04: Q-33 Alpha-35 Beta-+6 FENCE OFF  
LOC 24 RMS = 0.0083 Record 118: Q-33 Alpha-35 Beta-+6 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

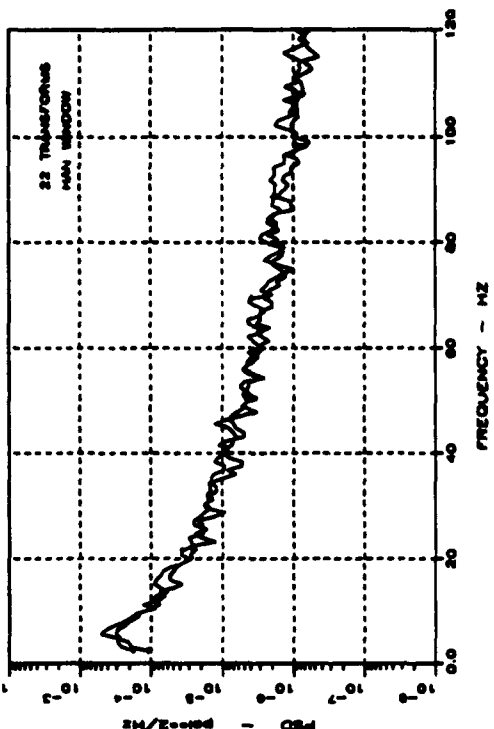
LOC 22 RMS = 0.0770 Record 04: Q-33 Alpha-35 Beta-+6 FENCE OFF  
LOC 22 RMS = 0.0878 Record 118: Q-33 Alpha-35 Beta-+6 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

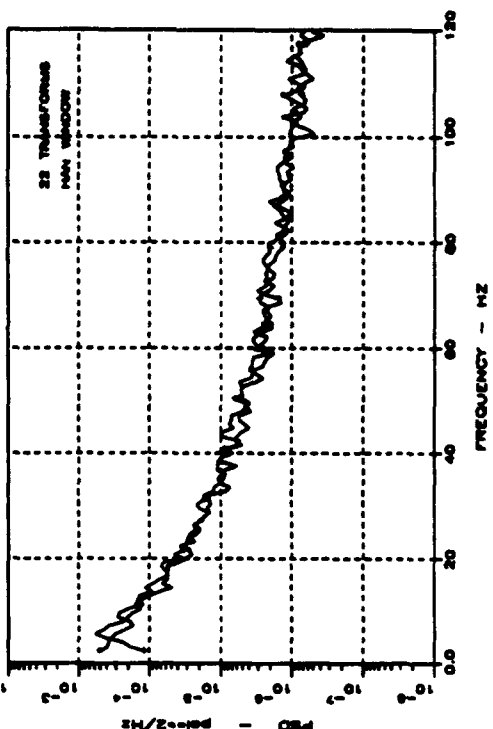
LOC 23 RMS = 0.0000 Record 04: Q-33 Alpha-35 Beta-+6 FENCE OFF  
LOC 23 RMS = 0.0077 Record 118: Q-33 Alpha-35 Beta-+6 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 21 RMS = 0.0031 Record 04: Q-33 Alpha-35 Beta-+6 FENCE OFF  
LOC 21 RMS = 0.0016 Record 118: Q-33 Alpha-35 Beta-+6 FENCE ON

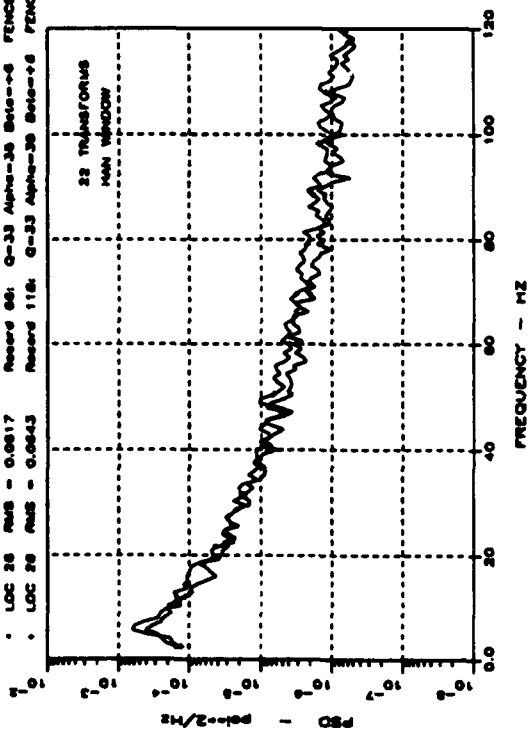


DELTA F = 0.798



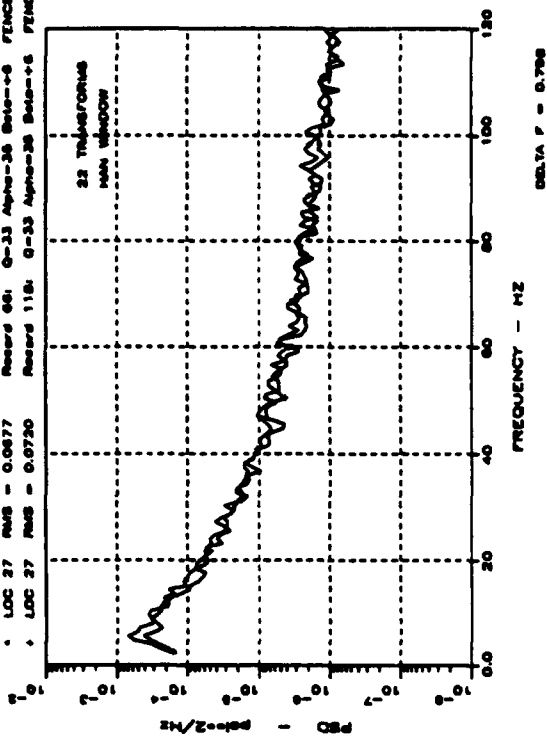
F-18 Tail Buffet Test

• LOC 26 RMS = 0.0617 Record 66: Q-33 Alpha-36 Beta-+6 FENCE OFF  
 • LOC 26 RMS = 0.0643 Record 116: Q-33 Alpha-36 Beta-+6 FENCE ON



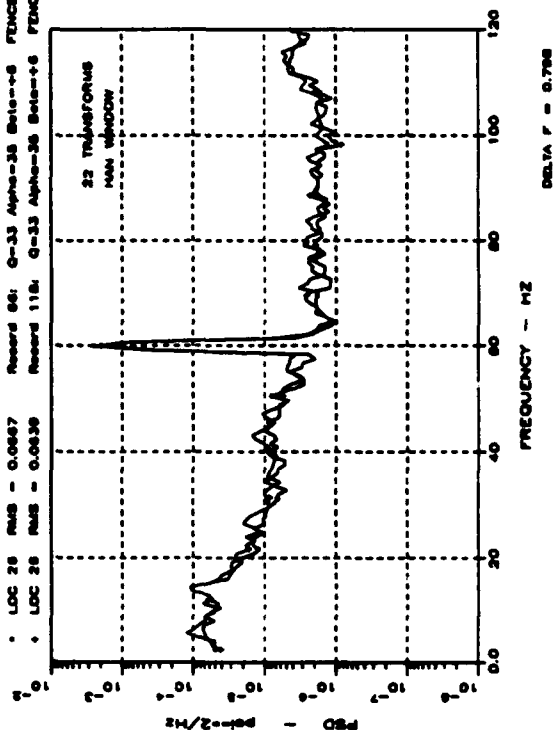
F-18 Tail Buffet Test

• LOC 27 RMS = 0.0677 Record 66: Q-33 Alpha-36 Beta-+6 FENCE OFF  
 • LOC 27 RMS = 0.0720 Record 116: Q-33 Alpha-36 Beta-+6 FENCE ON



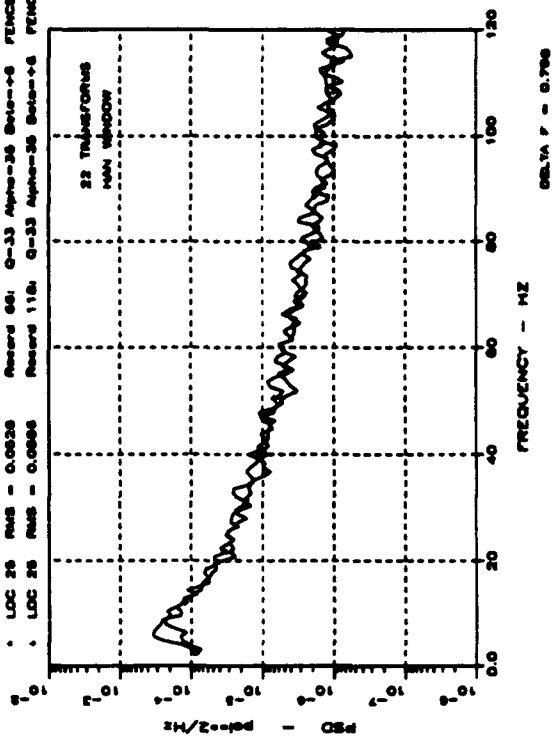
F-18 Tail Buffet Test

• LOC 26 RMS = 0.0667 Record 66: Q-33 Alpha-36 Beta-+6 FENCE OFF  
 • LOC 26 RMS = 0.0636 Record 116: Q-33 Alpha-36 Beta-+6 FENCE ON



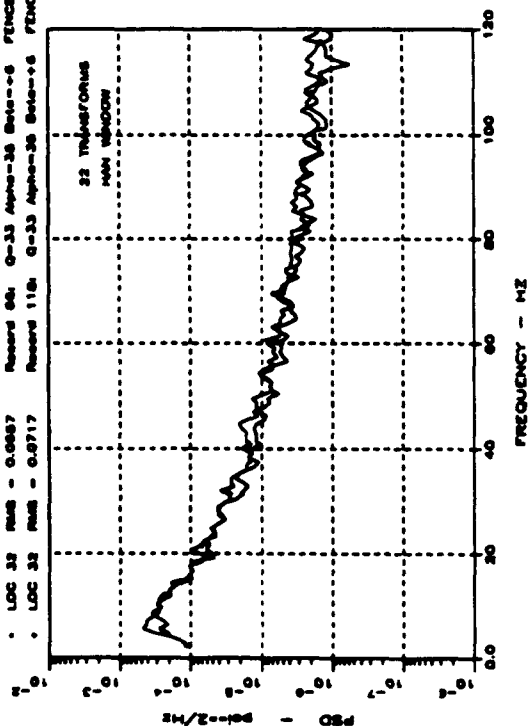
F-18 Tail Buffet Test

• LOC 26 RMS = 0.0626 Record 66: Q-33 Alpha-36 Beta-+6 FENCE OFF  
 • LOC 26 RMS = 0.0666 Record 116: Q-33 Alpha-36 Beta-+6 FENCE ON



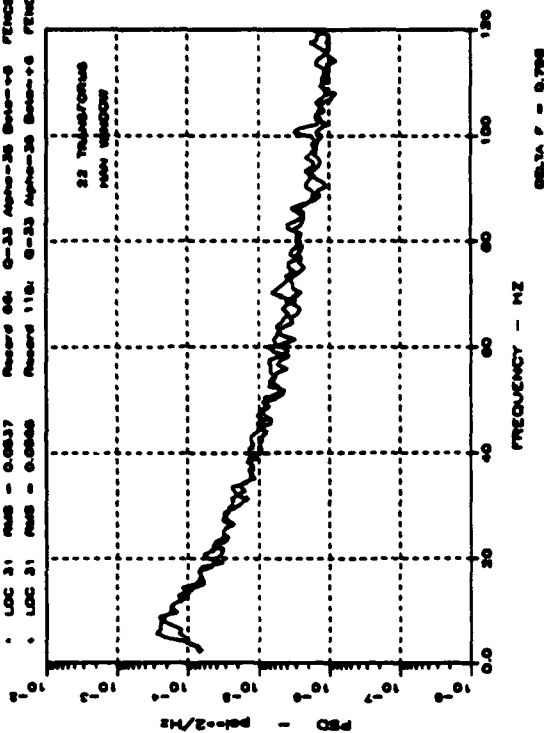
F-16 Tail Buffet Test

LOC 32 RMS = 0.0017 Record 04: Q-33 Alpha-35 Beta-+6 FENCE OFF  
LOC 32 RMS = 0.0717 Record 118: Q-33 Alpha-35 Beta-+6 FENCE ON



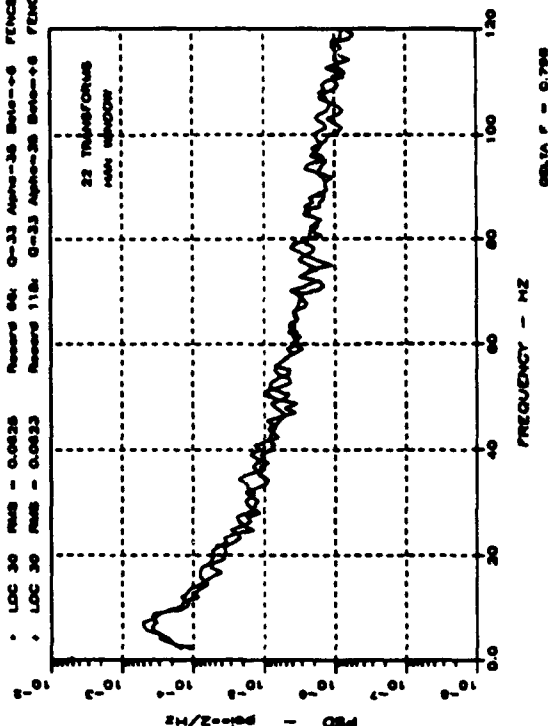
F-16 Tail Buffet Test

LOC 31 RMS = 0.0037 Record 04: Q-33 Alpha-35 Beta-+6 FENCE OFF  
LOC 31 RMS = 0.0006 Record 118: Q-33 Alpha-35 Beta-+6 FENCE ON



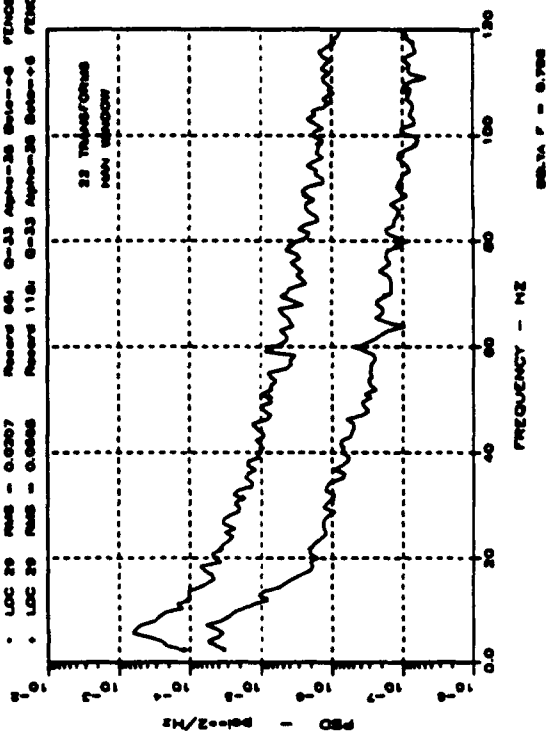
F-16 Tail Buffet Test

LOC 30 RMS = 0.0025 Record 04: Q-33 Alpha-35 Beta-+6 FENCE OFF  
LOC 30 RMS = 0.0023 Record 118: Q-33 Alpha-35 Beta-+6 FENCE ON



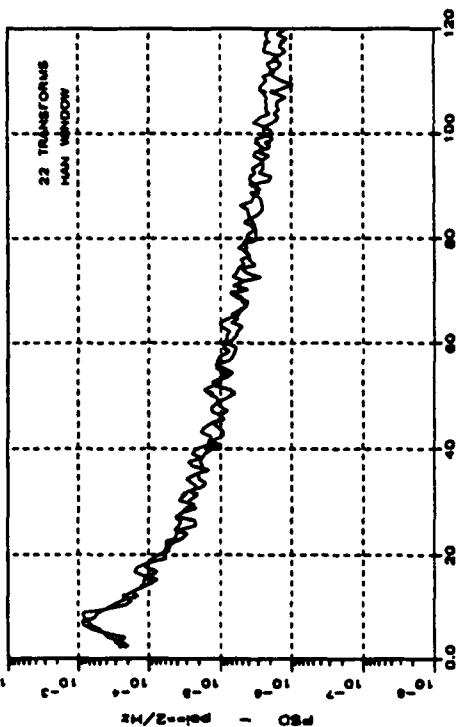
F-16 Tail Buffet Test

LOC 29 RMS = 0.0007 Record 04: Q-33 Alpha-35 Beta-+6 FENCE OFF  
LOC 29 RMS = 0.0006 Record 118: Q-33 Alpha-35 Beta-+6 FENCE ON



# F-18 Tail Buffet Test

LOC 36 RMS = 0.0810 Record 66: Q-33 Alpha-36 Beta-+6 FENCE OFF  
LOC 36 RMS = 0.0808 Record 118: Q-33 Alpha-36 Beta-+6 FENCE ON

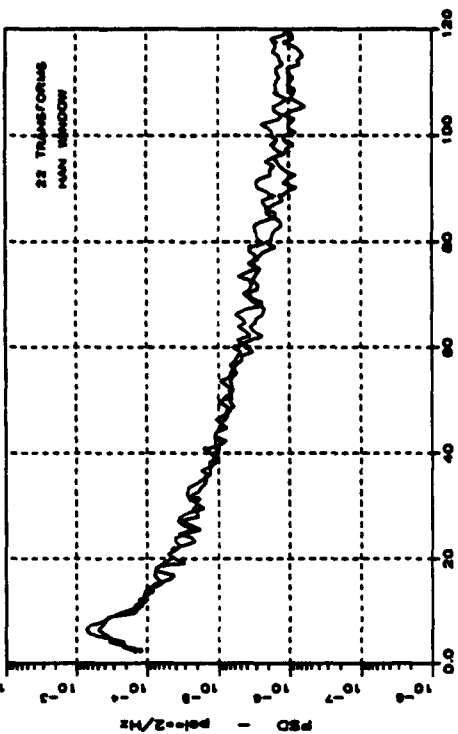


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 36 RMS = 0.0848 Record 66: Q-33 Alpha-36 Beta-+6 FENCE OFF  
LOC 36 RMS = 0.0700 Record 118: Q-33 Alpha-36 Beta-+6 FENCE ON

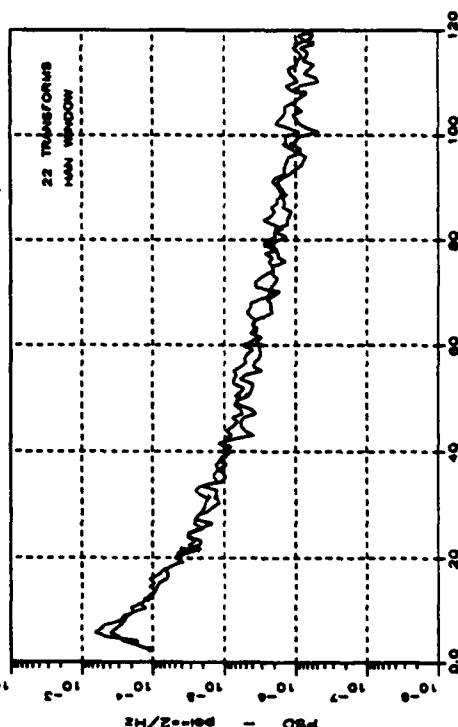


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 34 RMS = 0.0808 Record 66: Q-33 Alpha-35 Beta-+6 FENCE OFF  
LOC 34 RMS = 0.0843 Record 118: Q-33 Alpha-35 Beta-+6 FENCE ON

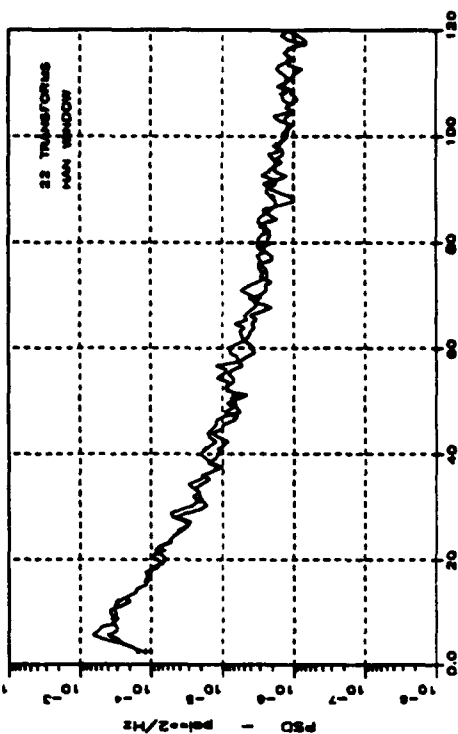


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

LOC 33 RMS = 0.0700 Record 66: Q-33 Alpha-36 Beta-+6 FENCE OFF  
LOC 33 RMS = 0.0763 Record 118: Q-33 Alpha-36 Beta-+6 FENCE ON



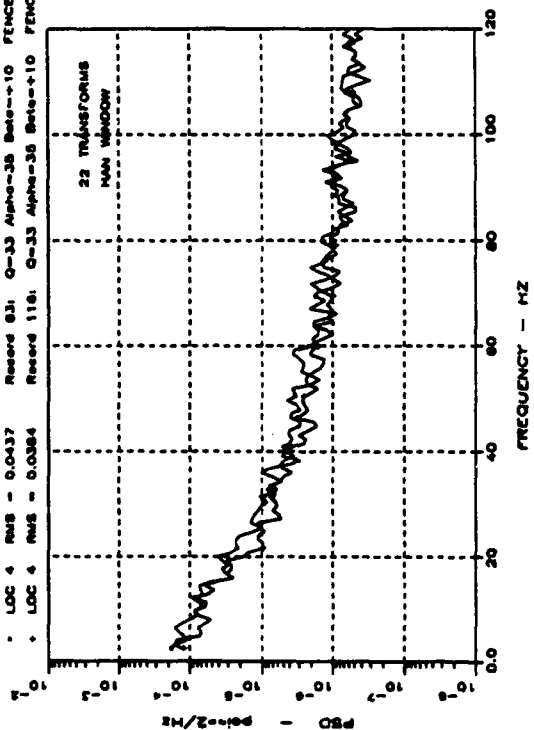
FREQUENCY - HZ

DELTA F = 0.798



# F-18 Tail Buffet Test

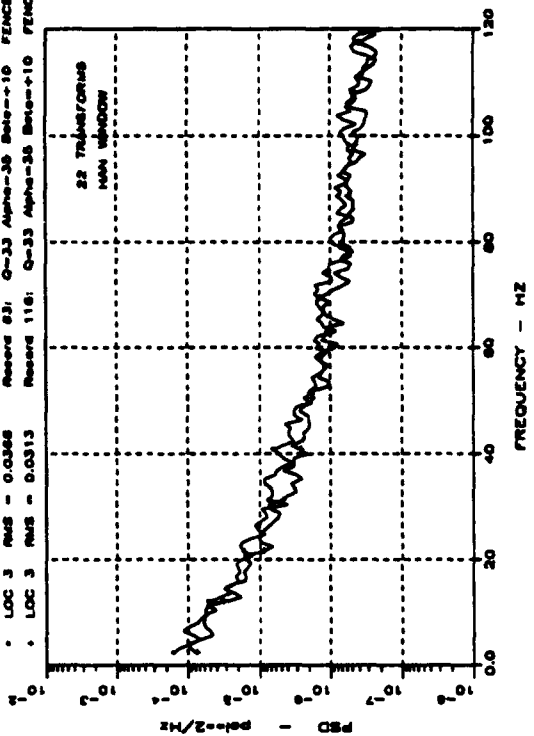
LOC 4 RMS = 0.0437 Record 83: Q-33 Alpha=35 Beta=+10 FENCE OFF  
LOC 4 RMS = 0.0384 Record 116: Q-33 Alpha=35 Beta=+10 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

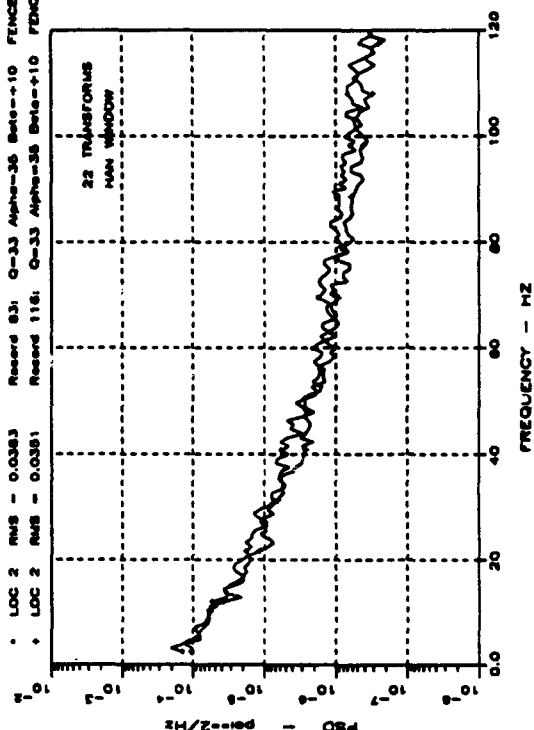
LOC 3 RMS = 0.0348 Record 83: Q-33 Alpha=35 Beta=+10 FENCE OFF  
LOC 3 RMS = 0.0313 Record 116: Q-33 Alpha=35 Beta=+10 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

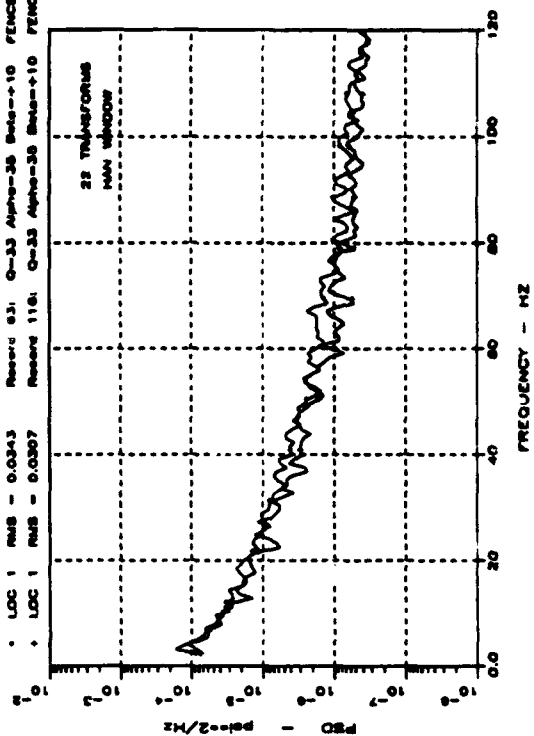
LOC 2 RMS = 0.0383 Record 83: Q-33 Alpha=35 Beta=+10 FENCE OFF  
LOC 2 RMS = 0.0351 Record 116: Q-33 Alpha=35 Beta=+10 FENCE ON



DELTA F = 0.798

# F-18 Tail Buffet Test

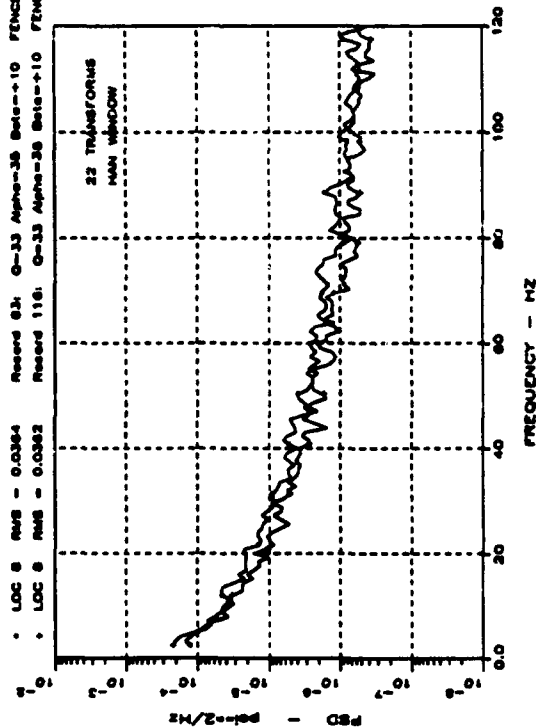
LOC 1 RMS = 0.0343 Record 83: Q-33 Alpha=35 Beta=+10 FENCE OFF  
LOC 1 RMS = 0.0307 Record 116: Q-33 Alpha=35 Beta=+10 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

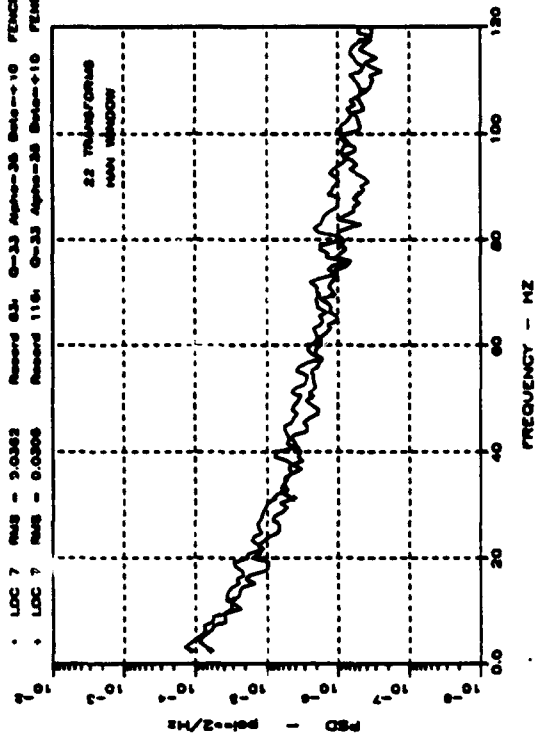
• LOC 6 RMS = 0.0364 Record 83: Q-33 Alpha=35 Beta=+10 FENCE OFF  
 • LOC 6 RMS = 0.0362 Record 116: Q-33 Alpha=35 Beta=+10 FENCE ON



DELTA F = 0.796

# F-16 Tail Buffet Test

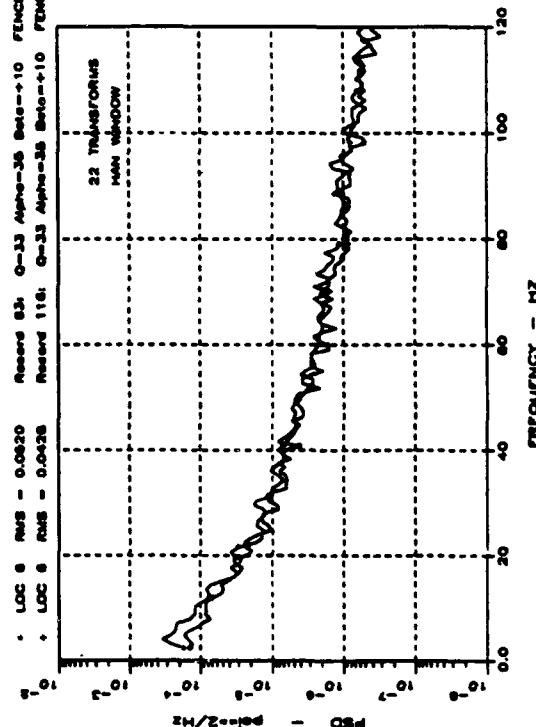
• LOC 7 RMS = 0.0303 Record 83: Q-33 Alpha=35 Beta=+10 FENCE OFF  
 • LOC 7 RMS = 0.0306 Record 116: Q-33 Alpha=35 Beta=+10 FENCE ON



DELTA F = 0.796

# F-16 Tail Buffet Test

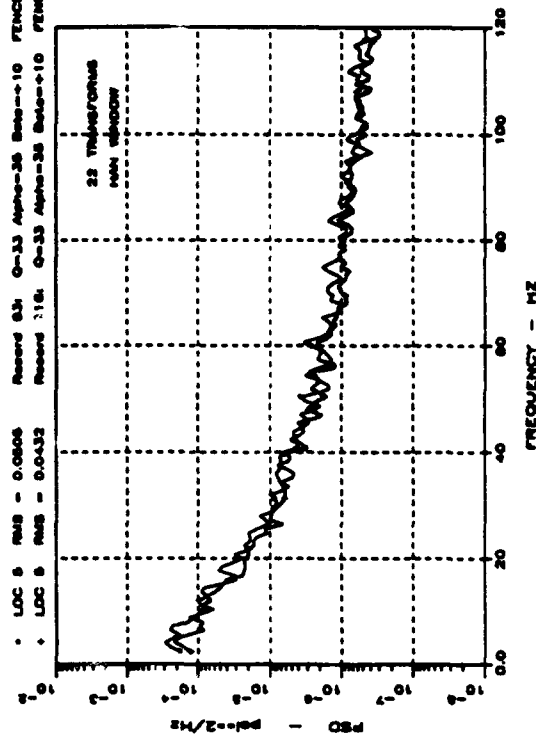
• LOC 6 RMS = 0.0020 Record 83: Q-33 Alpha=35 Beta=+10 FENCE OFF  
 • LOC 6 RMS = 0.0026 Record 116: Q-33 Alpha=35 Beta=+10 FENCE ON



DELTA F = 0.796

# F-16 Tail Buffet Test

• LOC 6 RMS = 0.0006 Record 83: Q-33 Alpha=35 Beta=+10 FENCE OFF  
 • LOC 6 RMS = 0.0032 Record 116: Q-33 Alpha=35 Beta=+10 FENCE ON



DELTA F = 0.796

AD-A281 444

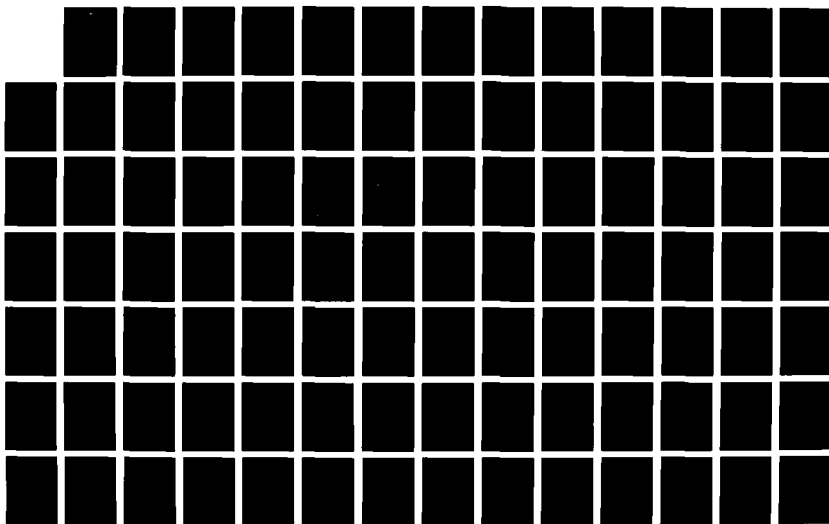
PRESSURE MEASUREMENTS ON AN F/A-18 TWIN VERTICAL TAIL IN  
BUFFETING FLOW VOLUME 3 BUFFET POWER SPECTRAL DENSITIES  
(U) WRIGHT LAB WRIGHT-PATTERSON AFB OH C PETTIT ET AL.

7/0

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AUG 94 ML\*-TM-94-3066

ML



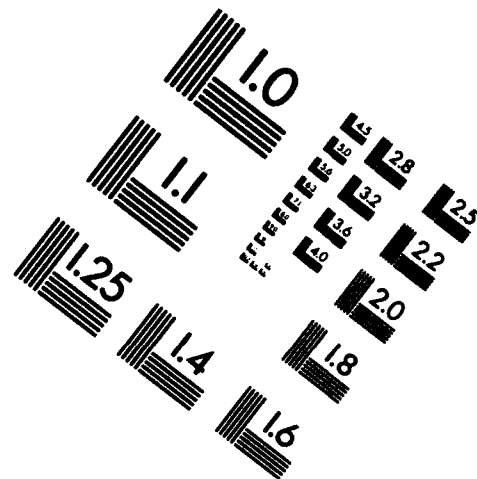
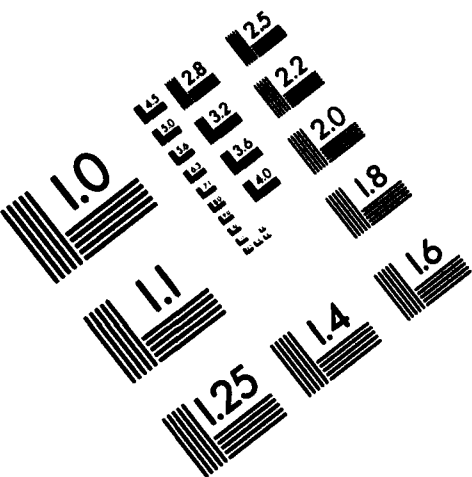


**AIIM**

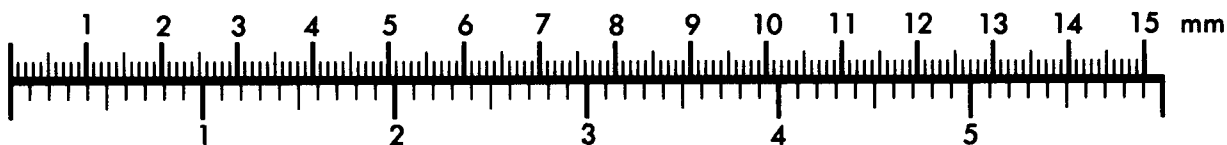
**Association for Information and Image Management**

1100 Wayne Avenue, Suite 1100  
Silver Spring, Maryland 20910

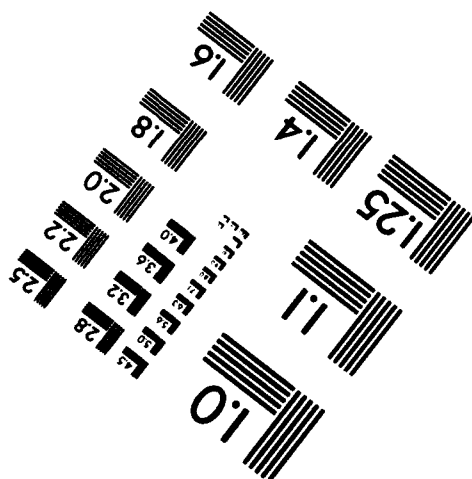
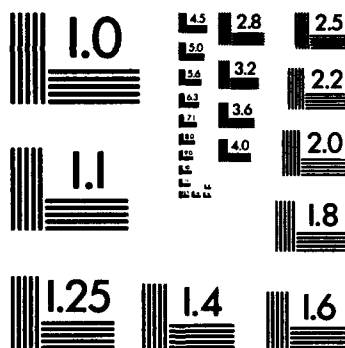
301/587-8202



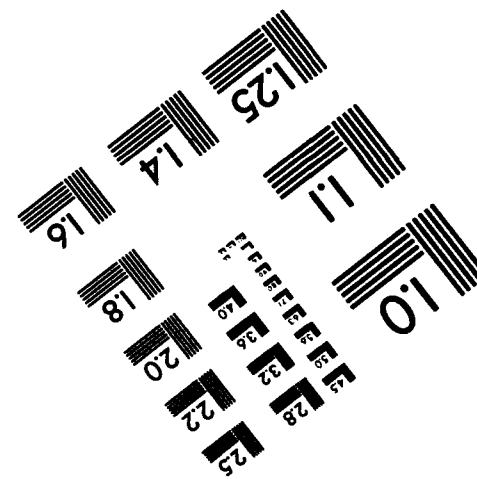
**Centimeter**



**Inches**



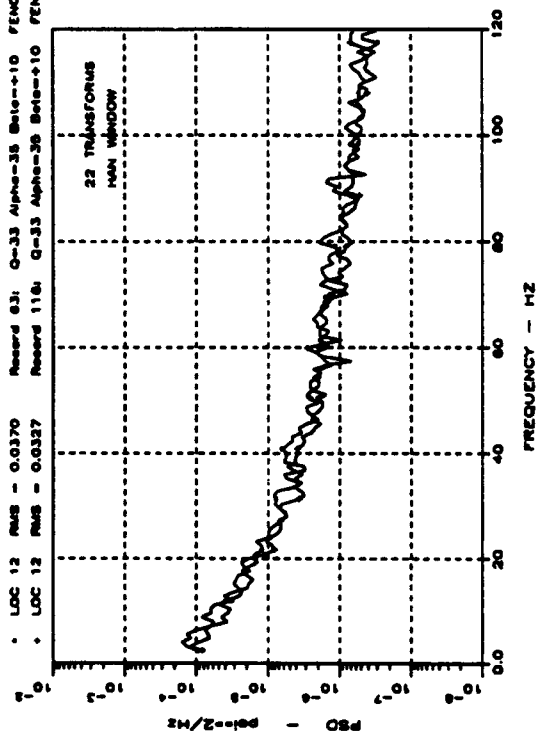
**MANUFACTURED TO AIIM STANDARDS  
BY APPLIED IMAGE, INC.**





# F-16 Tail Buffet Test

• LOC 12 RMS = 0.0370 Record 83: Q-33 Alpha-35 Beta=+10 FENCE OFF  
• LOC 12 RMS = 0.0337 Record 116: Q-33 Alpha-35 Beta=+10 FENCE ON

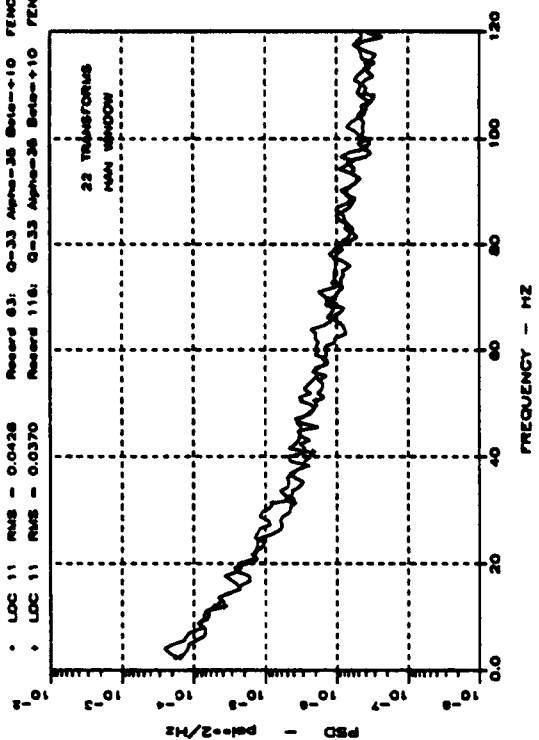


FREQUENCY - HZ

DELTA P = 0.798

# F-16 Tail Buffet Test

• LOC 11 RMS = 0.0426 Record 83: Q-33 Alpha-35 Beta=+10 FENCE OFF  
• LOC 11 RMS = 0.0370 Record 116: Q-33 Alpha-35 Beta=+10 FENCE ON

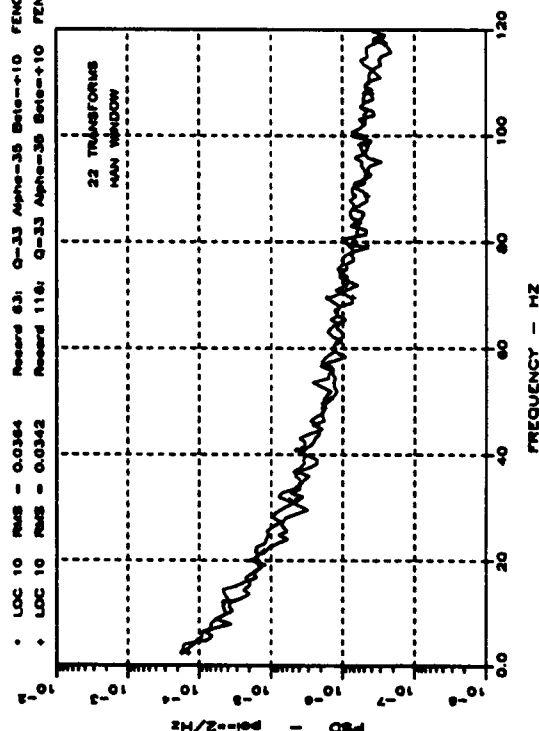


FREQUENCY - HZ

DELTA P = 0.798

# F-16 Tail Buffet Test

• LOC 10 RMS = 0.0364 Record 83: Q-33 Alpha-35 Beta=+10 FENCE OFF  
• LOC 10 RMS = 0.0342 Record 116: Q-33 Alpha-35 Beta=+10 FENCE ON

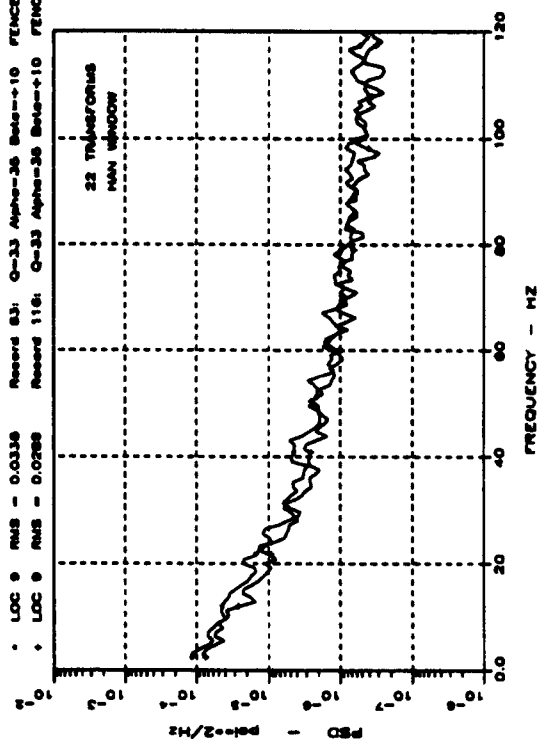


FREQUENCY - HZ

DELTA P = 0.798

# F-16 Tail Buffet Test

• LOC 9 RMS = 0.0336 Record 83: Q-33 Alpha-35 Beta=+10 FENCE OFF  
• LOC 9 RMS = 0.0288 Record 116: Q-33 Alpha-35 Beta=+10 FENCE ON

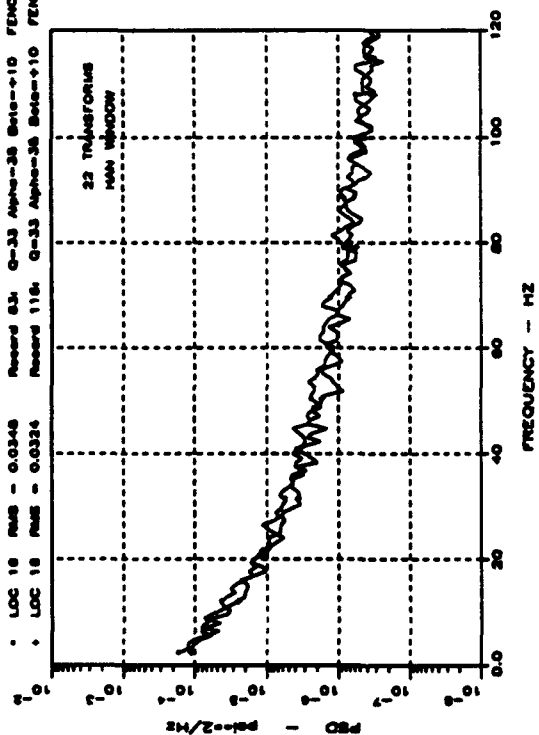


FREQUENCY - HZ

DELTA P = 0.798

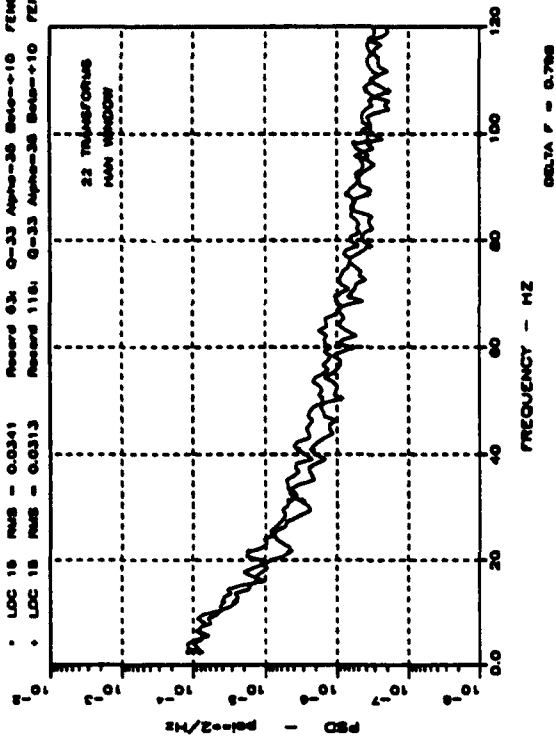
# F-16 Tail Buffet Test

• LOC 18 RMS = 0.0346 Record 83: Q-33 Alpha-35 Beta=+10 FENCE OFF  
 • LOC 18 RMS = 0.0326 Record 116: Q-33 Alpha-35 Beta=+10 FENCE ON



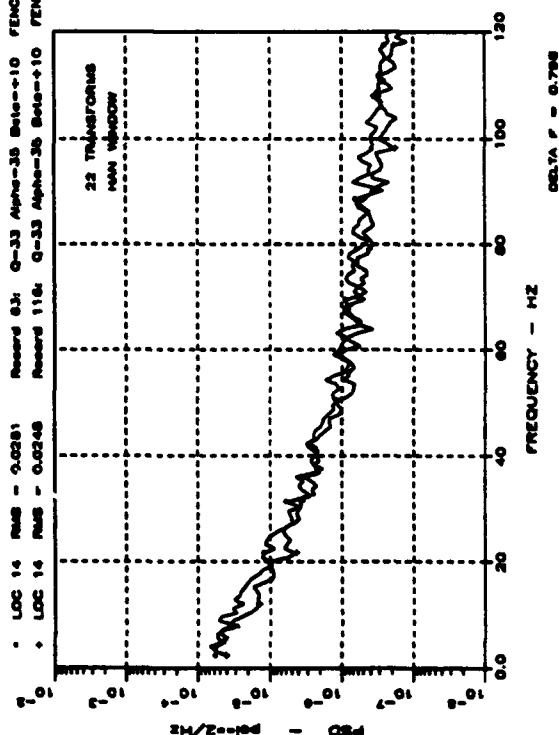
# F-16 Tail Buffet Test

• LOC 18 RMS = 0.0341 Record 83: Q-33 Alpha-35 Beta=+10 FENCE OFF  
 • LOC 18 RMS = 0.0313 Record 116: Q-33 Alpha-35 Beta=+10 FENCE ON



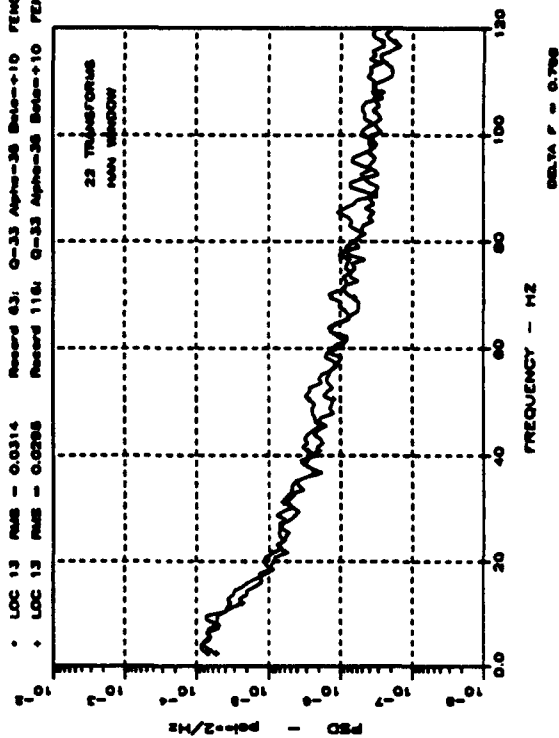
# F-16 Tail Buffet Test

• LOC 14 RMS = 0.0281 Record 83: Q-33 Alpha-35 Beta=+10 FENCE OFF  
 • LOC 14 RMS = 0.0248 Record 116: Q-33 Alpha-35 Beta=+10 FENCE ON



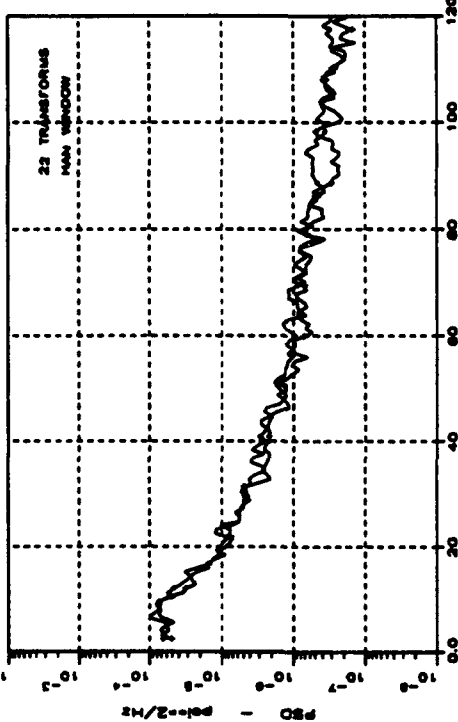
# F-16 Tail Buffet Test

• LOC 13 RMS = 0.0314 Record 83: Q-33 Alpha-35 Beta=+10 FENCE OFF  
 • LOC 13 RMS = 0.0288 Record 116: Q-33 Alpha-35 Beta=+10 FENCE ON



# F-16 Tail Buffet Test

• LOC 20 RMS = 0.0316 Record 83: Q-33 Alpha-35 Beta=+10 FENCE OFF  
 • LOC 20 RMS = 0.0309 Record 116: Q-33 Alpha-35 Beta=+10 FENCE ON

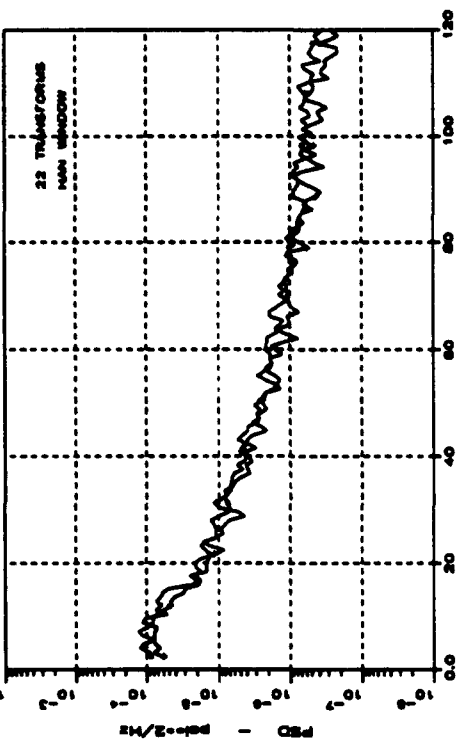


DELTA F = 0.798

FREQUENCY - HZ

# F-16 Tail Buffet Test

• LOC 19 RMS = 0.0365 Record 83: Q-33 Alpha-35 Beta=+10 FENCE OFF  
 • LOC 19 RMS = 0.0362 Record 116: Q-33 Alpha-35 Beta=+10 FENCE ON

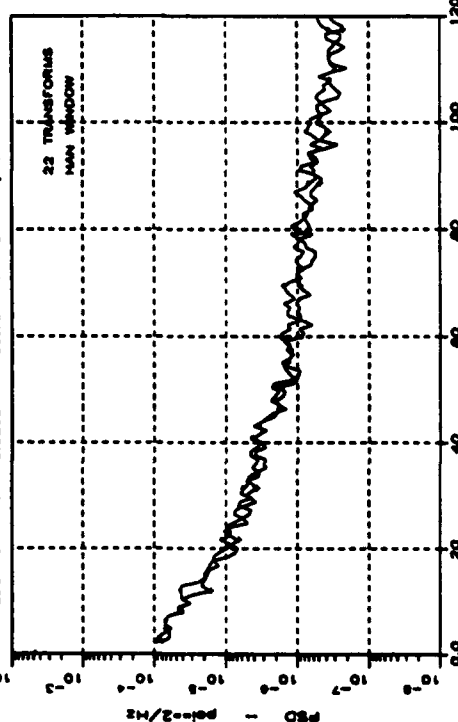


DELTA F = 0.798

FREQUENCY - HZ

# F-16 Tail Buffet Test

• LOC 16 RMS = 0.0308 Record 83: Q-33 Alpha-35 Beta=+10 FENCE OFF  
 • LOC 16 RMS = 0.0286 Record 116: Q-33 Alpha-35 Beta=+10 FENCE ON

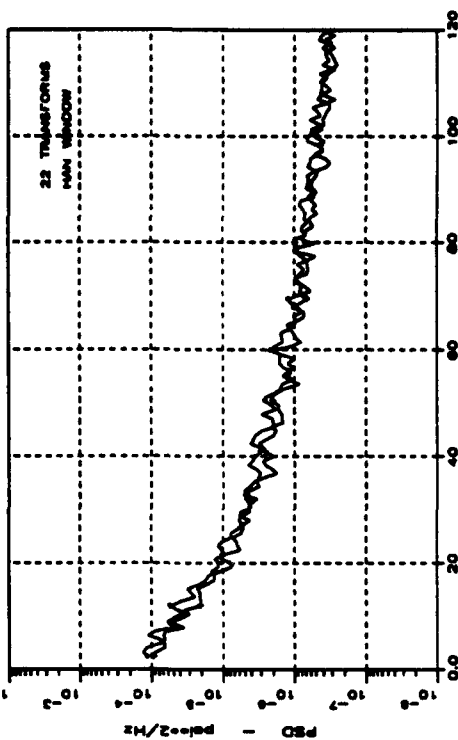


DELTA F = 0.798

FREQUENCY - HZ

# F-16 Tail Buffet Test

• LOC 17 RMS = 0.0328 Record 83: Q-33 Alpha-35 Beta=+10 FENCE OFF  
 • LOC 17 RMS = 0.0314 Record 116: Q-33 Alpha-35 Beta=+10 FENCE ON

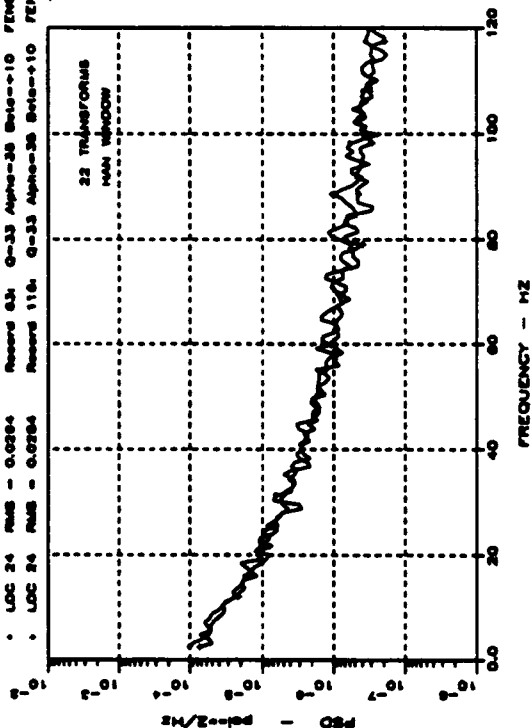


DELTA F = 0.798

FREQUENCY - HZ

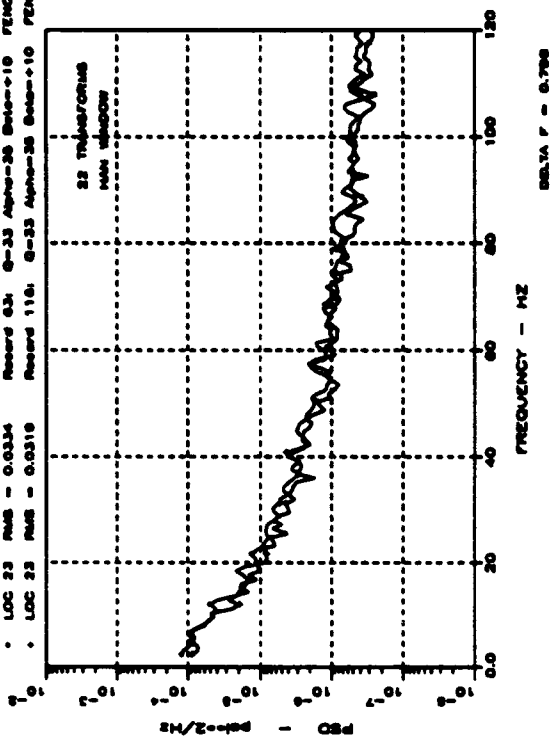
# F-16 Tail Buffet Test

LOC 24 RMS = 0.0284 Record 63: Q-33 Alpha-35 Beta=+10 FENCE OFF  
 LOC 24 RMS = 0.0284 Record 116: Q-33 Alpha-35 Beta=+10 FENCE ON



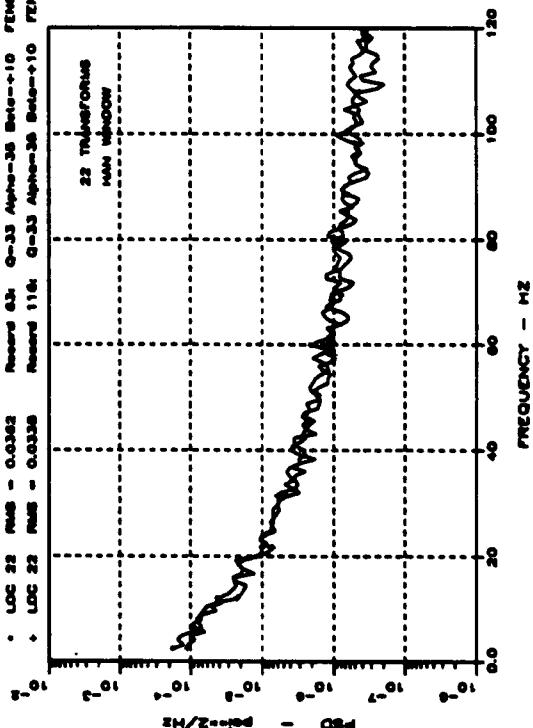
# F-16 Tail Buffet Test

LOC 23 RMS = 0.0334 Record 63: Q-33 Alpha-35 Beta=+10 FENCE OFF  
 LOC 23 RMS = 0.0316 Record 116: Q-33 Alpha-35 Beta=+10 FENCE ON



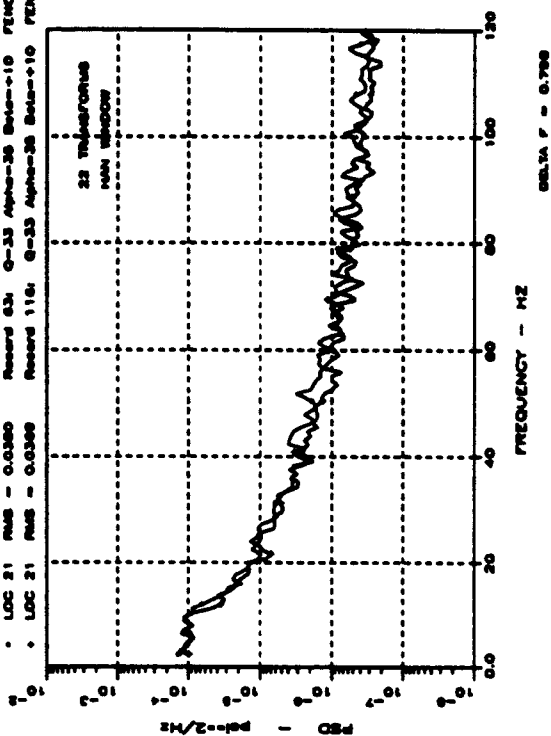
# F-16 Tail Buffet Test

LOC 22 RMS = 0.0362 Record 63: Q-33 Alpha-35 Beta=+10 FENCE OFF  
 LOC 22 RMS = 0.0336 Record 116: Q-33 Alpha-35 Beta=+10 FENCE ON



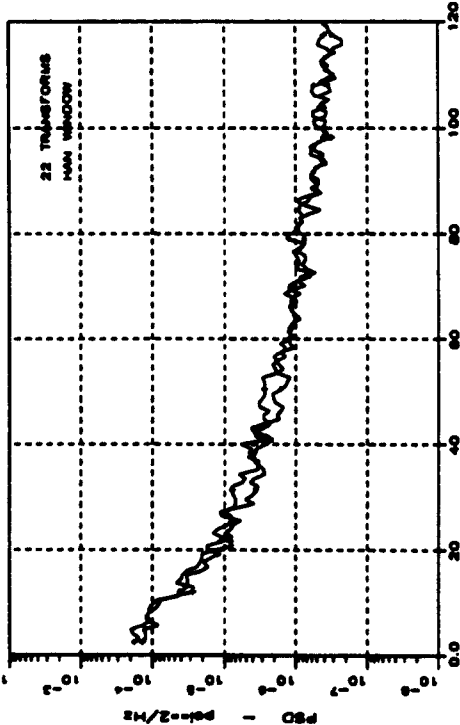
# F-16 Tail Buffet Test

LOC 21 RMS = 0.0360 Record 63: Q-33 Alpha-35 Beta=+10 FENCE OFF  
 LOC 21 RMS = 0.0360 Record 116: Q-33 Alpha-35 Beta=+10 FENCE ON



# F-16 Tail Buffet Test

LOC 28 RMS = 0.0402 Record 63: Q=33 Alpha=36 Beta=+10 FENCE OFF  
LOC 28 RMS = 0.0392 Record 116: Q=33 Alpha=36 Beta=+10 FENCE ON

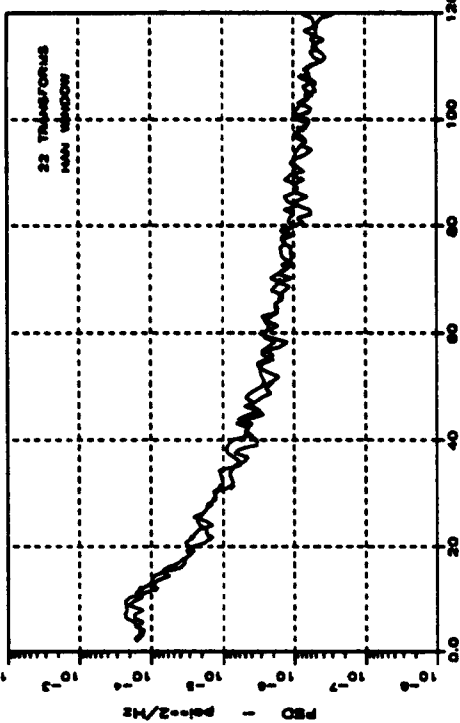


FREQUENCY - HZ

DELTA F = 0.796

# F-16 Tail Buffet Test

LOC 27 RMS = 0.0800 Record 63: Q=33 Alpha=36 Beta=+10 FENCE OFF  
LOC 27 RMS = 0.0813 Record 116: Q=33 Alpha=36 Beta=+10 FENCE ON

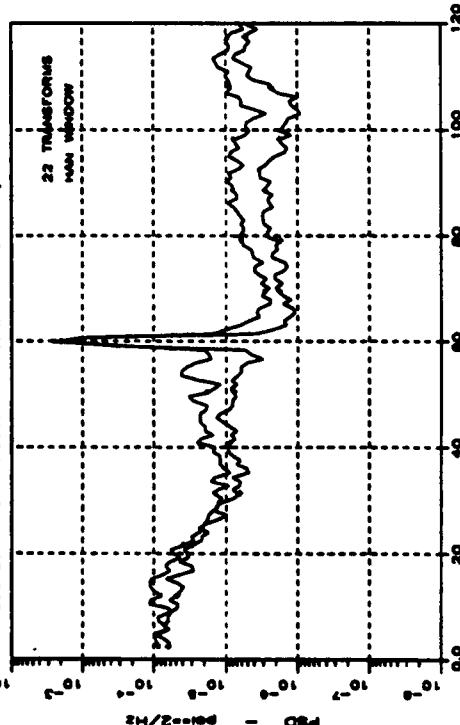


FREQUENCY - HZ

DELTA F = 0.796

# F-16 Tail Buffet Test

LOC 26 RMS = 0.0757 Record 63: Q=33 Alpha=36 Beta=+10 FENCE OFF  
LOC 26 RMS = 0.0641 Record 116: Q=33 Alpha=36 Beta=+10 FENCE ON

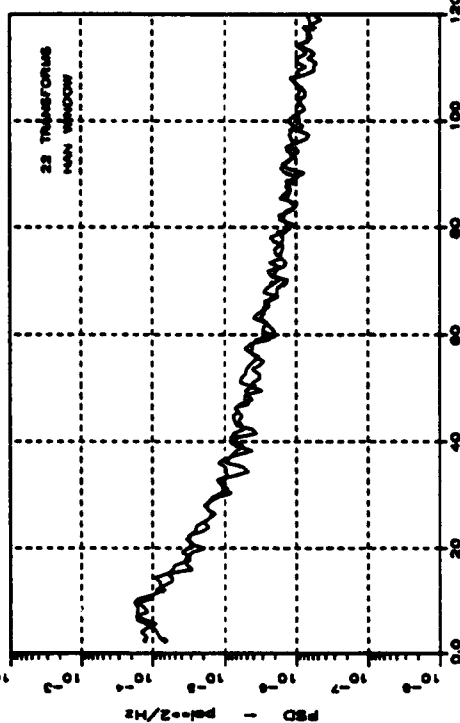


FREQUENCY - HZ

DELTA F = 0.796

# F-16 Tail Buffet Test

LOC 26 RMS = 0.0462 Record 63: Q=33 Alpha=36 Beta=+10 FENCE OFF  
LOC 26 RMS = 0.0467 Record 116: Q=33 Alpha=36 Beta=+10 FENCE ON

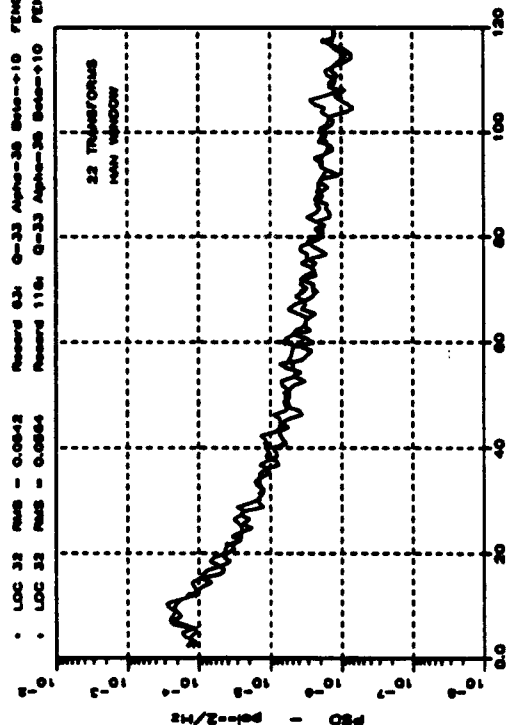


FREQUENCY - HZ

DELTA F = 0.796

F-16 Tail Buffet Test

• LOC 32 RMS = 0.0642 Record 83: Q-33 Alpha-26 Beta-10 FENCE OFF  
 • LOC 32 RMS = 0.0664 Record 116: Q-33 Alpha-26 Beta-10 FENCE ON

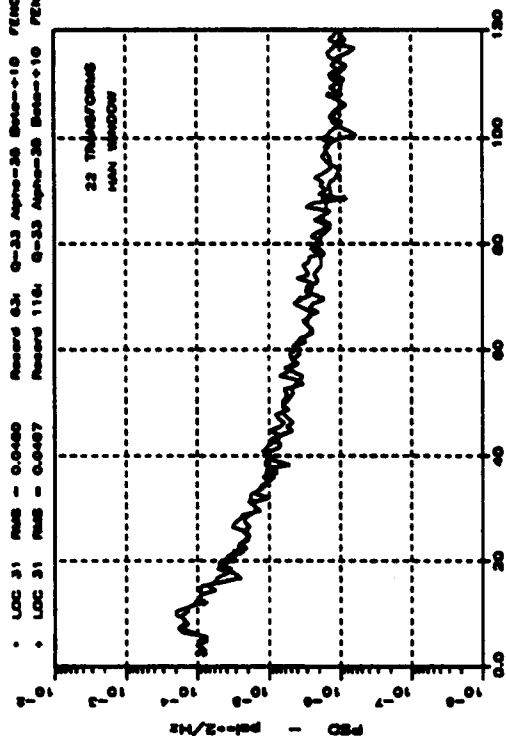


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 31 RMS = 0.0460 Record 83: Q-33 Alpha-26 Beta-10 FENCE OFF  
 • LOC 31 RMS = 0.0497 Record 116: Q-33 Alpha-26 Beta-10 FENCE ON

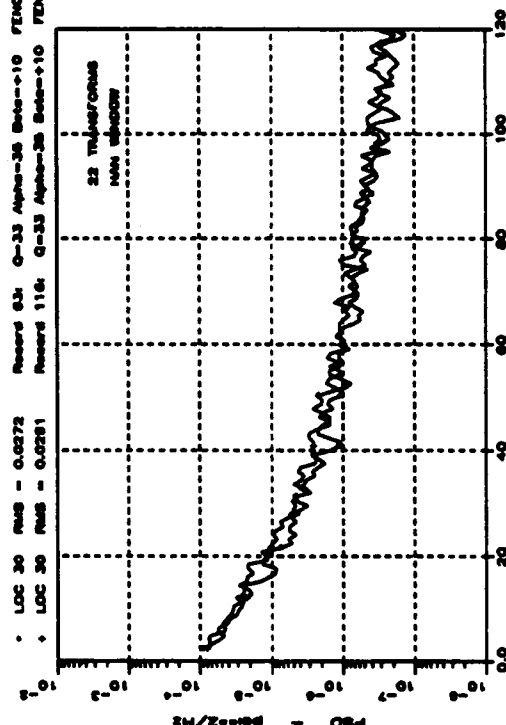


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 30 RMS = 0.0272 Record 83: Q-33 Alpha-26 Beta-10 FENCE OFF  
 • LOC 30 RMS = 0.0281 Record 116: Q-33 Alpha-26 Beta-10 FENCE ON

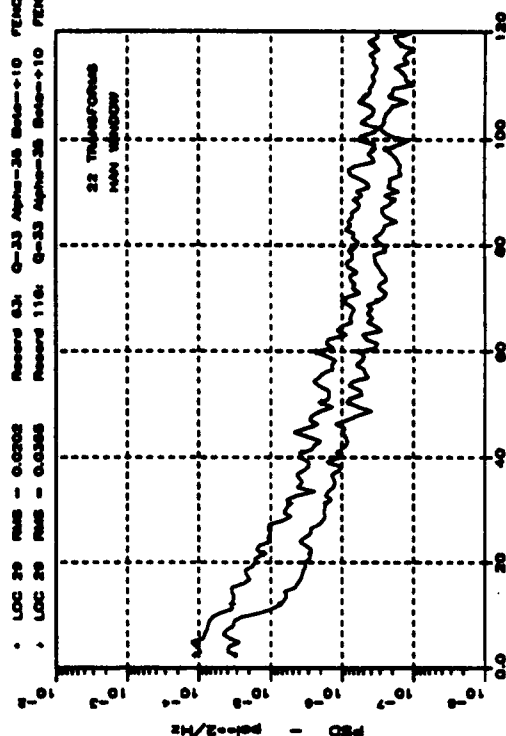


FREQUENCY - HZ

DELTA F = 0.798

F-16 Tail Buffet Test

• LOC 29 RMS = 0.0202 Record 83: Q-33 Alpha-26 Beta-10 FENCE OFF  
 • LOC 29 RMS = 0.0265 Record 116: Q-33 Alpha-26 Beta-10 FENCE ON

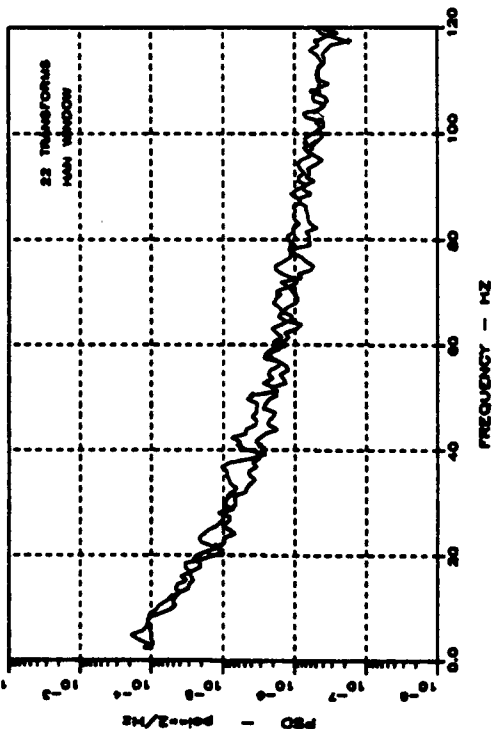


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

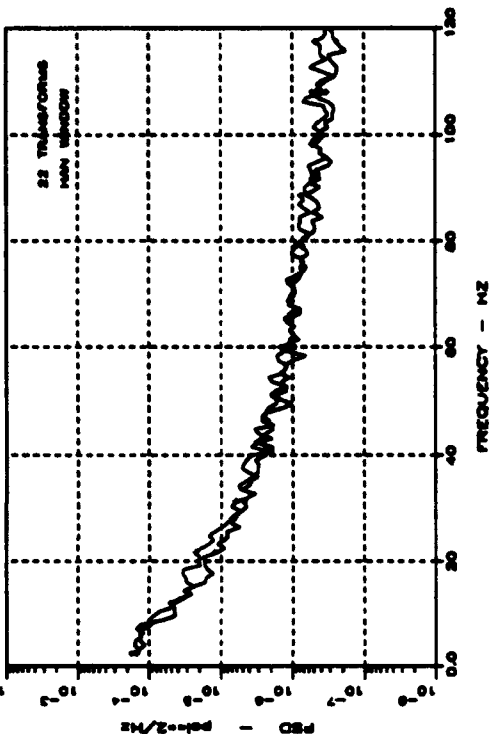
• LOC 36 RMS = 0.0367 Record 03: Q-33 Alpha-35 Beta-10 FENCE OFF  
 • LOC 36 RMS = 0.0416 Record 116: Q-33 Alpha-35 Beta-10 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

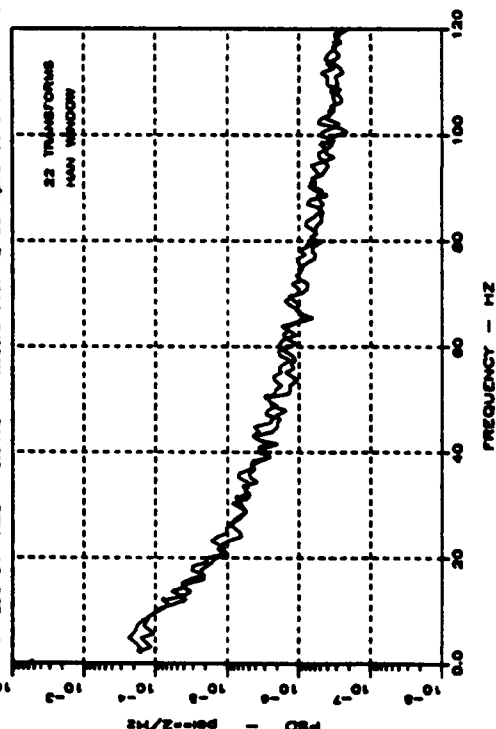
• LOC 36 RMS = 0.0381 Record 03: Q-33 Alpha-35 Beta-10 FENCE OFF  
 • LOC 36 RMS = 0.0404 Record 116: Q-33 Alpha-35 Beta-10 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

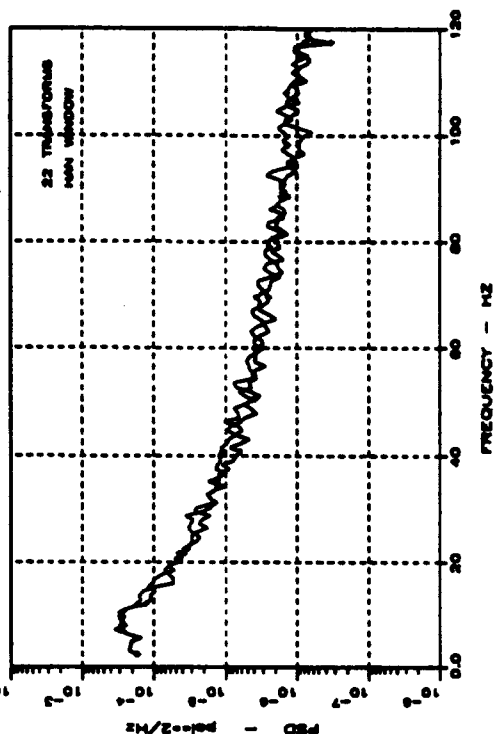
• LOC 34 RMS = 0.0448 Record 03: Q-33 Alpha-35 Beta-10 FENCE OFF  
 • LOC 34 RMS = 0.0413 Record 116: Q-33 Alpha-35 Beta-10 FENCE ON



DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 33 RMS = 0.0520 Record 03: Q-33 Alpha-35 Beta-10 FENCE OFF  
 • LOC 33 RMS = 0.0516 Record 116: Q-33 Alpha-35 Beta-10 FENCE ON



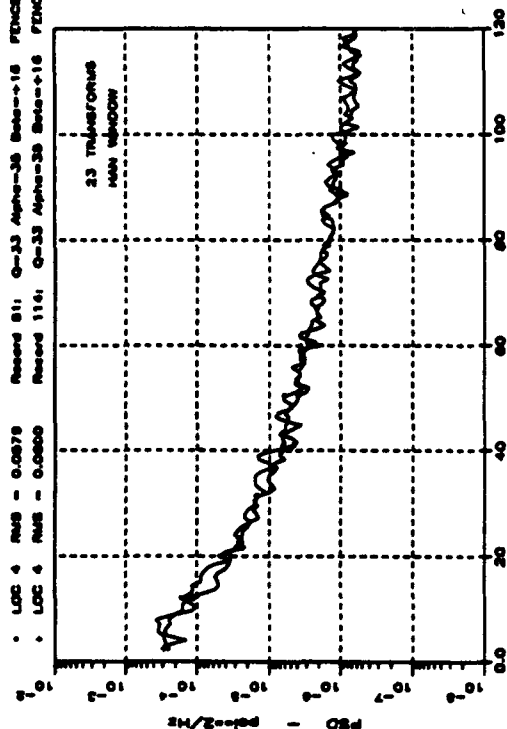
DELTA F = 0.798





# F-16 Tail Buffet Test

• LOC 4 RMS = 0.0079 Record 81: Q-33 Alpha-35 Beta-16 FENCE OFF  
 • LOC 4 RMS = 0.0000 Record 114: Q-33 Alpha-35 Beta-16 FENCE ON

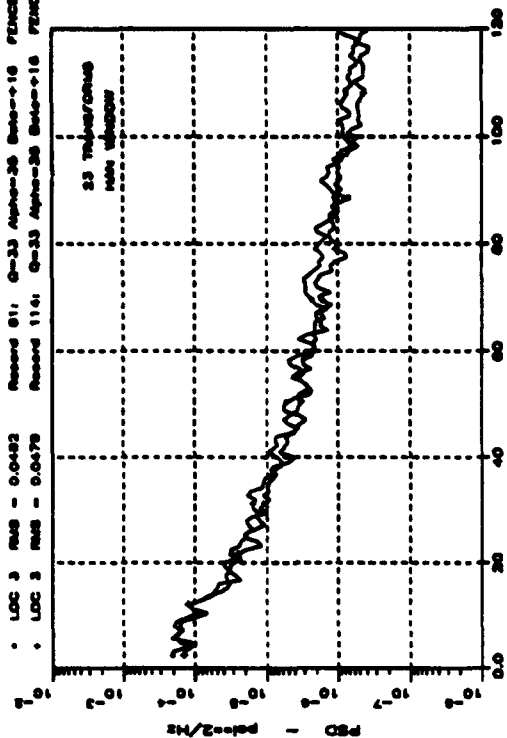


FREQUENCY - HZ

DELTA P = 0.798

# F-16 Tail Buffet Test

• LOC 3 RMS = 0.0482 Record 81: Q-33 Alpha-35 Beta-16 FENCE OFF  
 • LOC 3 RMS = 0.0479 Record 114: Q-33 Alpha-35 Beta-16 FENCE ON

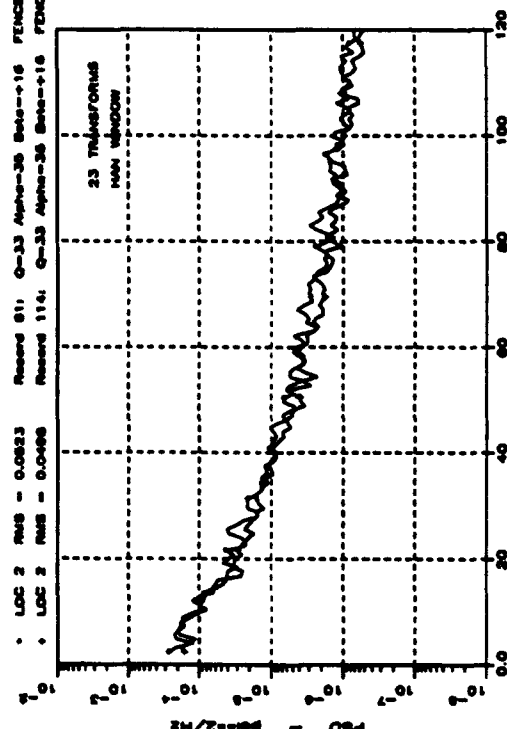


FREQUENCY - HZ

DELTA P = 0.798

# F-16 Tail Buffet Test

• LOC 2 RMS = 0.0023 Record 81: Q-33 Alpha-35 Beta-16 FENCE OFF  
 • LOC 2 RMS = 0.0000 Record 114: Q-33 Alpha-35 Beta-16 FENCE ON

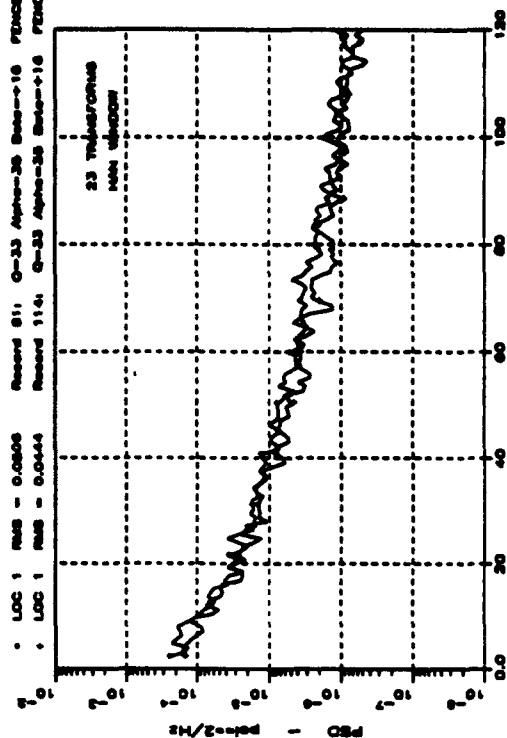


FREQUENCY - HZ

DELTA P = 0.798

# F-16 Tail Buffet Test

• LOC 1 RMS = 0.0806 Record 81: Q-33 Alpha-35 Beta-16 FENCE OFF  
 • LOC 1 RMS = 0.0444 Record 114: Q-33 Alpha-35 Beta-16 FENCE ON

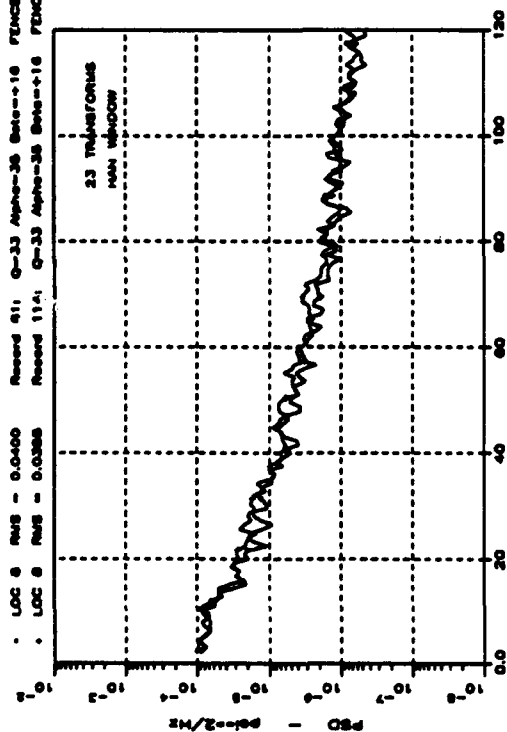


FREQUENCY - HZ

DELTA P = 0.798

# F-18 Tail Buffet Test

LOC 8 RMS = 0.0400 Record 81: Q-33 Alpha-35 Beta-16 FENCE OFF  
LOC 8 RMS = 0.0386 Record 114: Q-33 Alpha-35 Beta-16 FENCE ON

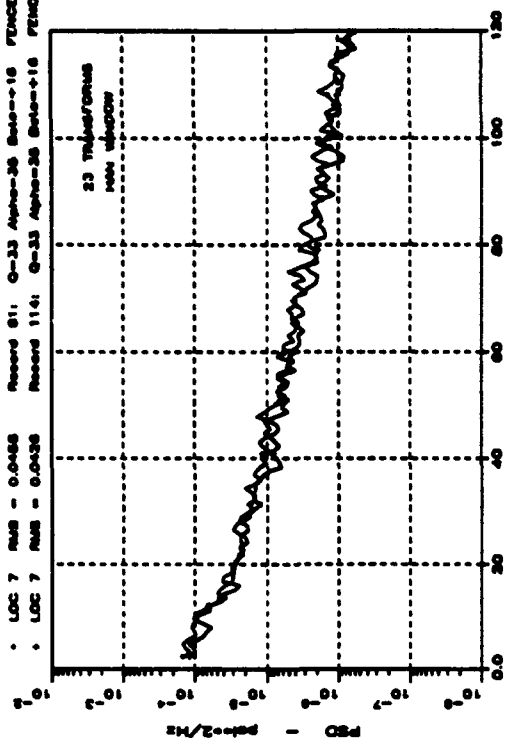


FREQUENCY - HZ

DELTA F = 0.708

# F-18 Tail Buffet Test

LOC 7 RMS = 0.0486 Record 81: Q-33 Alpha-35 Beta-16 FENCE OFF  
LOC 7 RMS = 0.0436 Record 114: Q-33 Alpha-35 Beta-16 FENCE ON

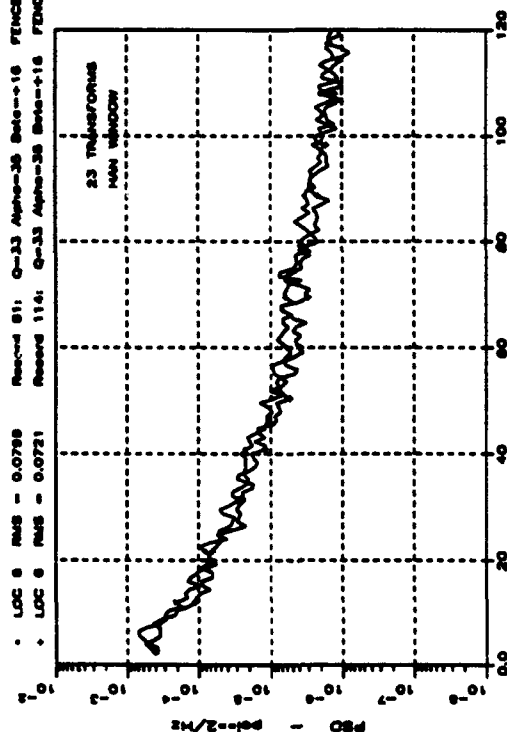


FREQUENCY - HZ

DELTA F = 0.708

# F-18 Tail Buffet Test

LOC 6 RMS = 0.0788 Record 81: Q-33 Alpha-35 Beta-16 FENCE OFF  
LOC 6 RMS = 0.0721 Record 114: Q-33 Alpha-35 Beta-16 FENCE ON

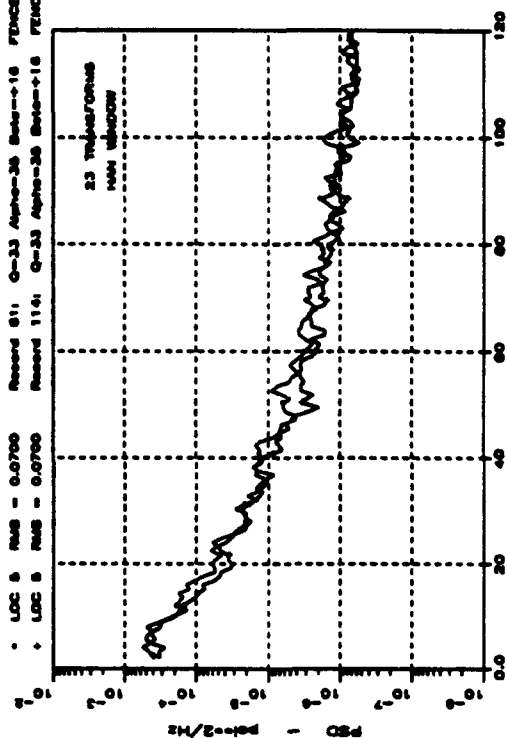


FREQUENCY - HZ

DELTA F = 0.708

# F-18 Tail Buffet Test

LOC 5 RMS = 0.0700 Record 81: Q-33 Alpha-35 Beta-16 FENCE OFF  
LOC 5 RMS = 0.0700 Record 114: Q-33 Alpha-35 Beta-16 FENCE ON

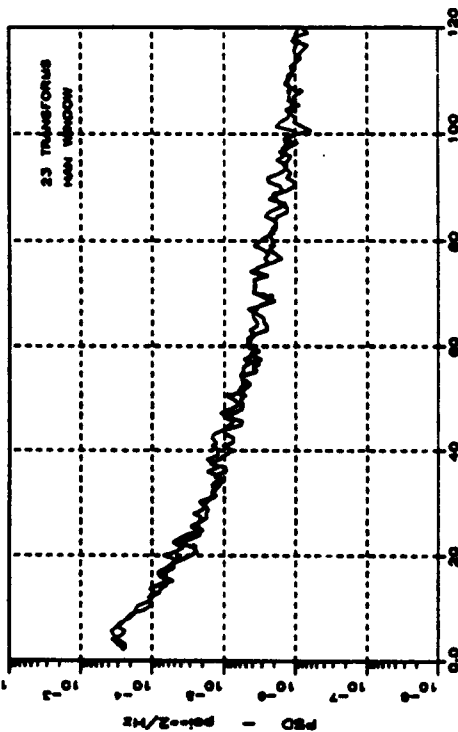


FREQUENCY - HZ

DELTA F = 0.708

# F-16 Tail Buffet Test

• LOC 12 RMS = 0.0811 Record 61: Q-33 Alpha-35 Beta-16 FENCE OFF  
• LOC 12 RMS = 0.0861 Record 114: Q-33 Alpha-35 Beta-16 FENCE ON

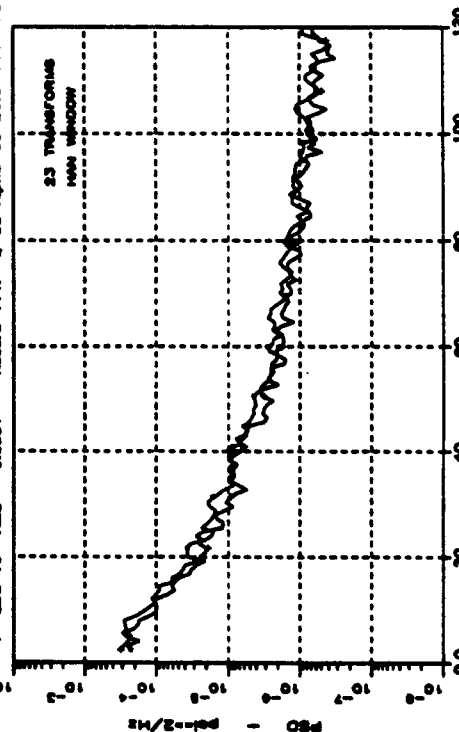


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 10 RMS = 0.0831 Record 61: Q-33 Alpha-35 Beta-16 FENCE OFF  
• LOC 10 RMS = 0.0861 Record 114: Q-33 Alpha-35 Beta-16 FENCE ON

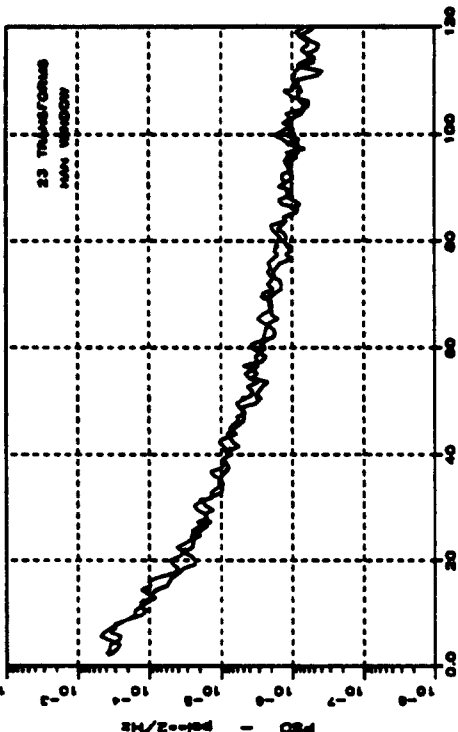


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 11 RMS = 0.0836 Record 61: Q-33 Alpha-35 Beta-16 FENCE OFF  
• LOC 11 RMS = 0.0866 Record 114: Q-33 Alpha-35 Beta-16 FENCE ON

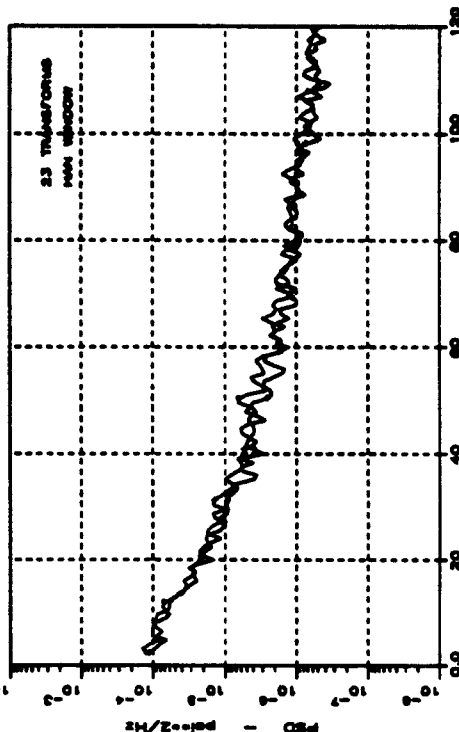


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 9 RMS = 0.0831 Record 61: Q-33 Alpha-35 Beta-16 FENCE OFF  
• LOC 9 RMS = 0.0866 Record 114: Q-33 Alpha-35 Beta-16 FENCE ON

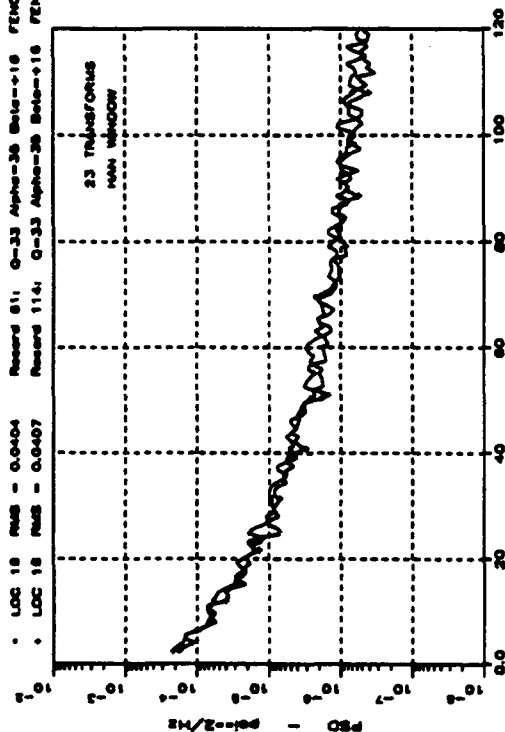


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 18 RMS = 0.0404 Record 81: Q-33 Alpha-25 Beta-16 FENCE OFF  
 • LOC 18 RMS = 0.0407 Record 114: Q-33 Alpha-25 Beta-16 FENCE ON

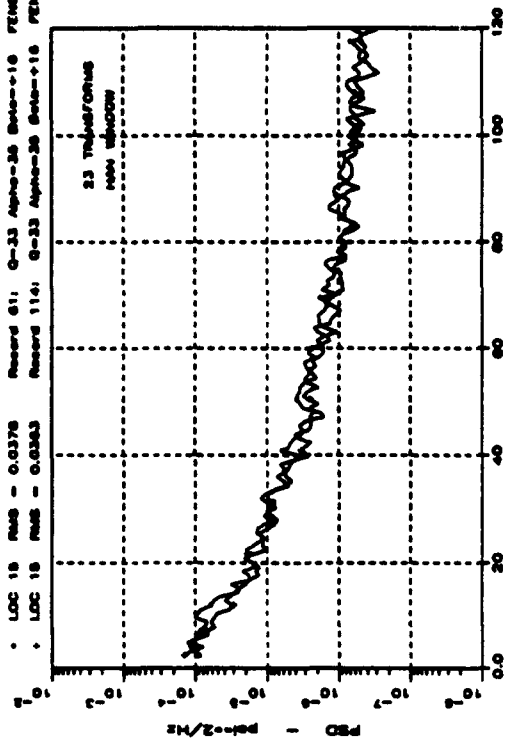


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 18 RMS = 0.0376 Record 81: Q-33 Alpha-25 Beta-16 FENCE OFF  
 • LOC 18 RMS = 0.0383 Record 114: Q-33 Alpha-25 Beta-16 FENCE ON

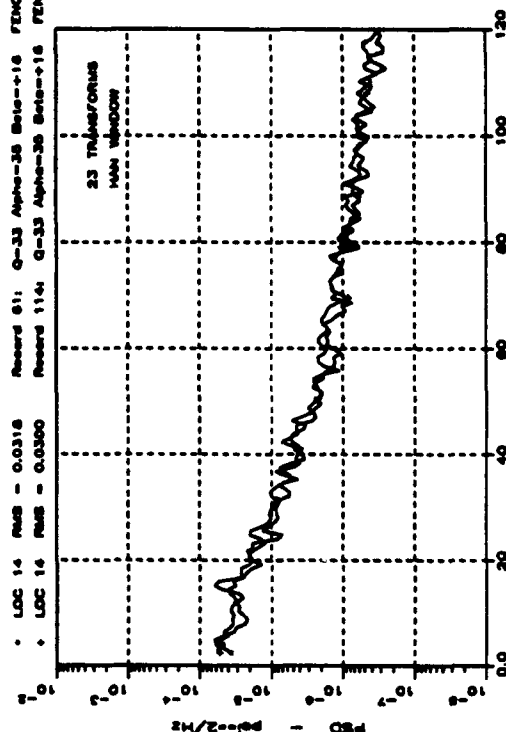


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 14 RMS = 0.0316 Record 81: Q-33 Alpha-25 Beta-16 FENCE OFF  
 • LOC 14 RMS = 0.0360 Record 114: Q-33 Alpha-25 Beta-16 FENCE ON

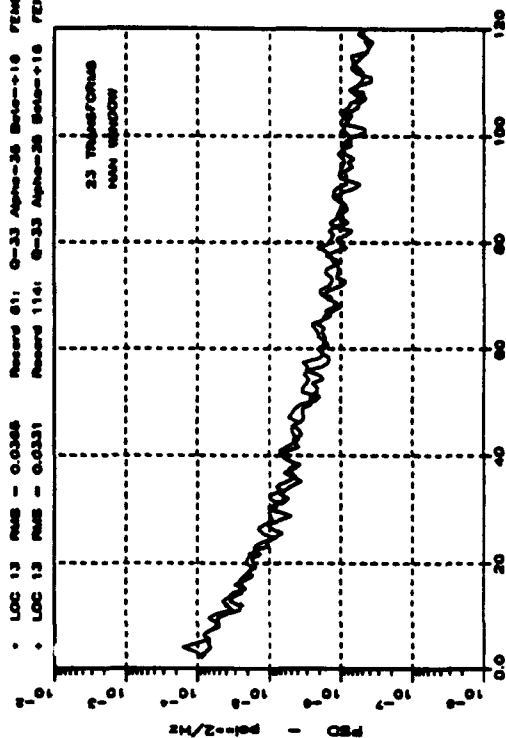


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 13 RMS = 0.0366 Record 81: Q-33 Alpha-25 Beta-16 FENCE OFF  
 • LOC 13 RMS = 0.0331 Record 114: Q-33 Alpha-25 Beta-16 FENCE ON

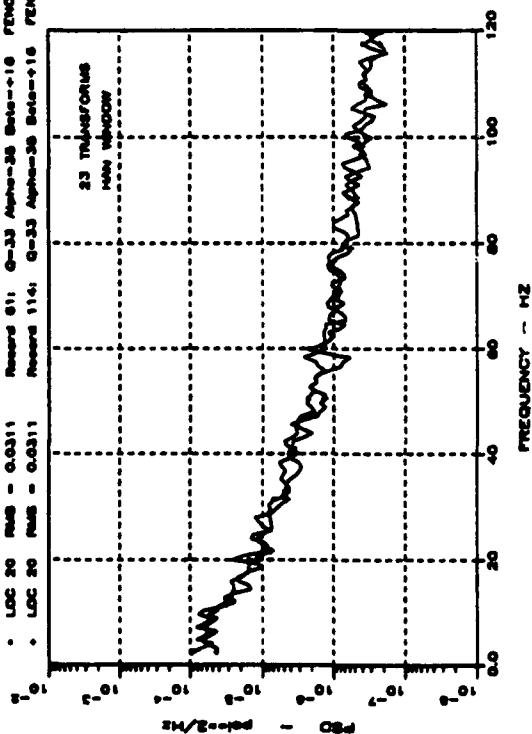


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 20 RMS = 0.0311 Record 81: Q-33 Alpha-36 Beta-16 FENCE OFF  
• LOC 20 RMS = 0.0311 Record 114: Q-33 Alpha-36 Beta-16 FENCE ON

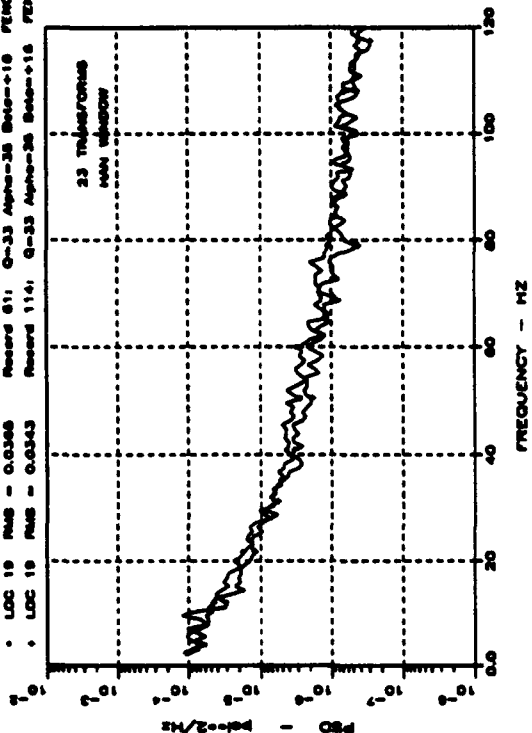


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 19 RMS = 0.0346 Record 81: Q-33 Alpha-36 Beta-16 FENCE OFF  
• LOC 19 RMS = 0.0343 Record 114: Q-33 Alpha-36 Beta-16 FENCE ON

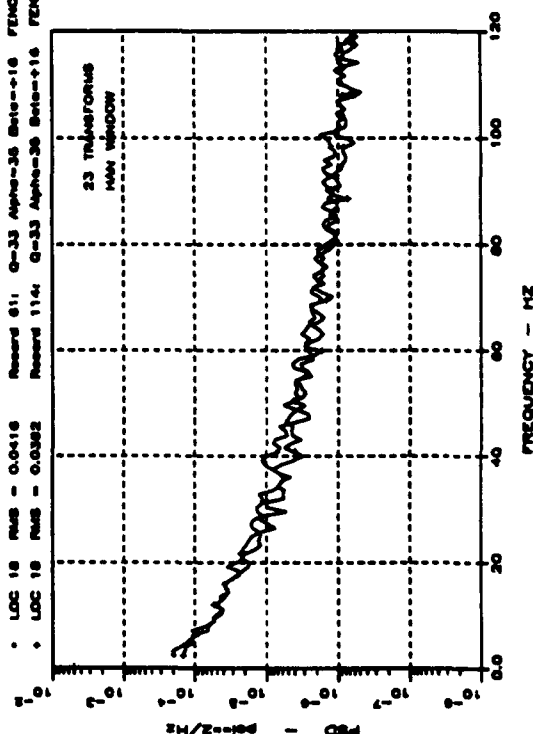


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 18 RMS = 0.0416 Record 81: Q-33 Alpha-36 Beta-16 FENCE OFF  
• LOC 18 RMS = 0.0382 Record 114: Q-33 Alpha-36 Beta-16 FENCE ON

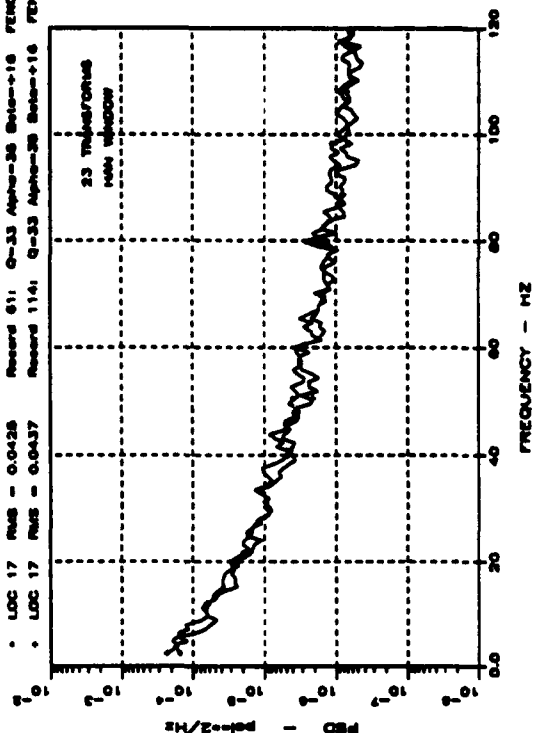


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

• LOC 17 RMS = 0.0436 Record 81: Q-33 Alpha-36 Beta-16 FENCE OFF  
• LOC 17 RMS = 0.0437 Record 114: Q-33 Alpha-36 Beta-16 FENCE ON

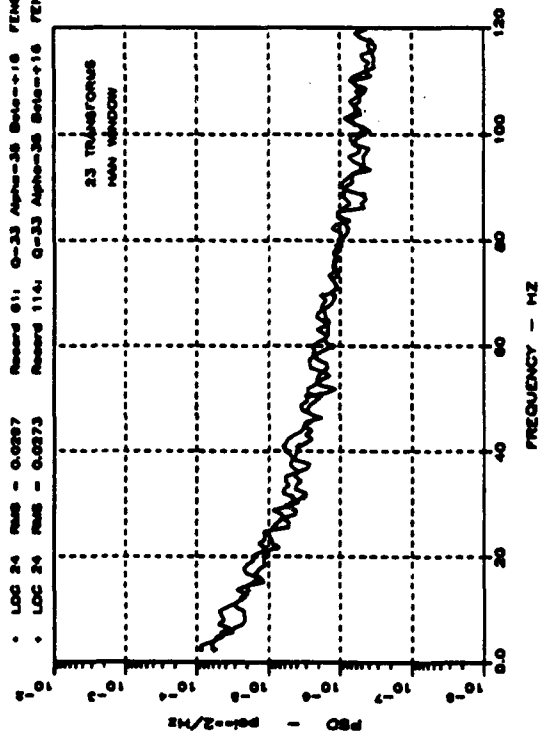


FREQUENCY - HZ

DELTA F = 0.798

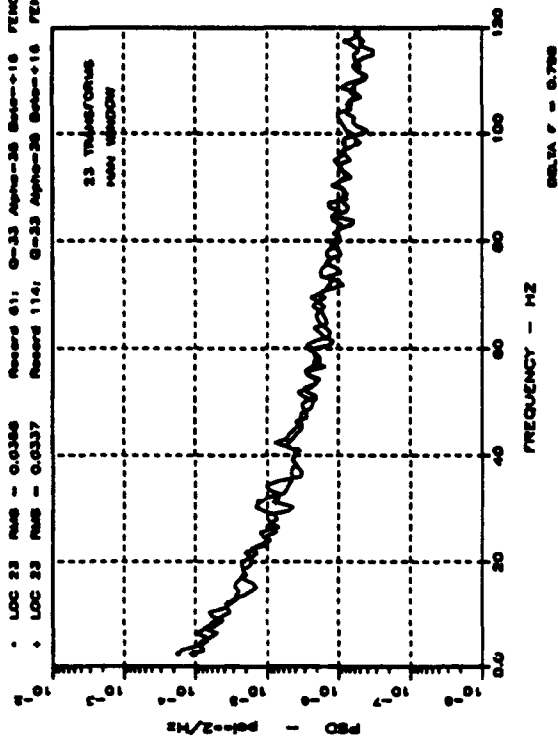
# F-16 Tail Buffet Test

• LOC 24 RMS = 0.0297 Record 61; Q-33 Alpha-36 Beta-16 FENCE OFF  
 • LOC 24 RMS = 0.0273 Record 114; Q-33 Alpha-36 Beta-16 FENCE ON



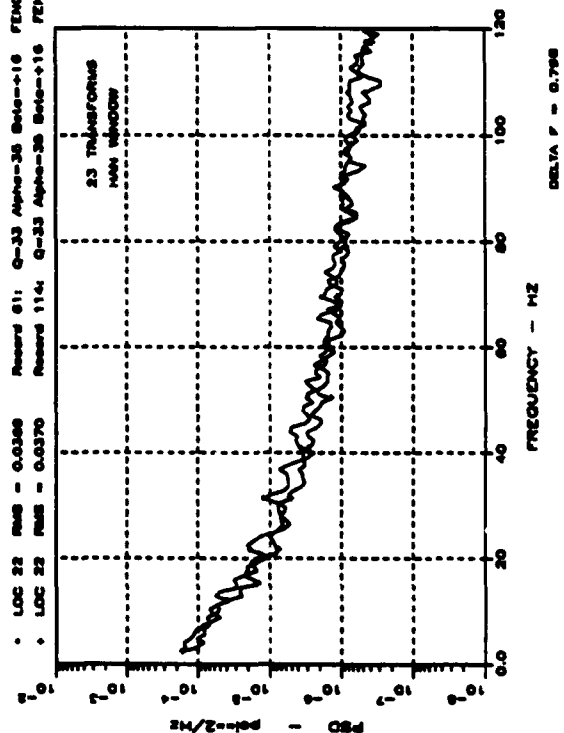
# F-16 Tail Buffet Test

• LOC 23 RMS = 0.0358 Record 61; Q-33 Alpha-36 Beta-16 FENCE OFF  
 • LOC 23 RMS = 0.0337 Record 114; Q-33 Alpha-36 Beta-16 FENCE ON



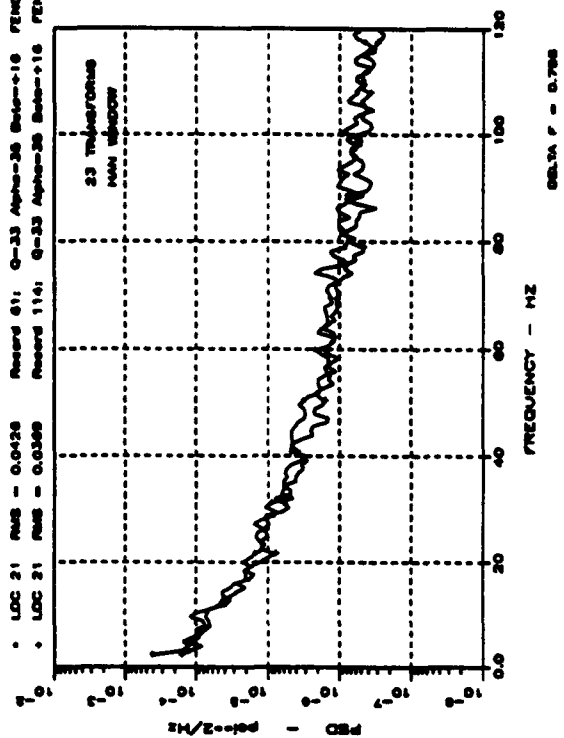
# F-16 Tail Buffet Test

• LOC 22 RMS = 0.0368 Record 61; Q-33 Alpha-36 Beta-16 FENCE OFF  
 • LOC 22 RMS = 0.0370 Record 114; Q-33 Alpha-36 Beta-16 FENCE ON



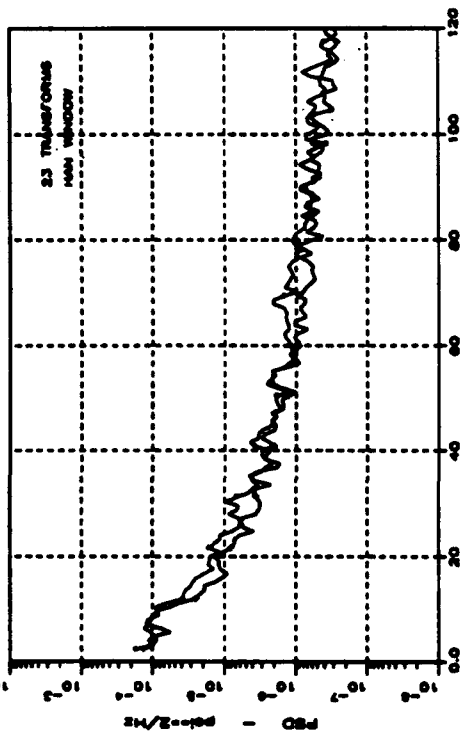
# F-16 Tail Buffet Test

• LOC 21 RMS = 0.0428 Record 61; Q-33 Alpha-36 Beta-16 FENCE OFF  
 • LOC 21 RMS = 0.0388 Record 114; Q-33 Alpha-36 Beta-16 FENCE ON



# F-18 Tail Buffet Test

• LOC 26 RMS = 0.0371 Record 61: Q-33 Alpha-36 Beta-+16 FENCE OFF  
• LOC 26 RMS = 0.0364 Record 114: Q-33 Alpha-36 Beta-+16 FENCE ON

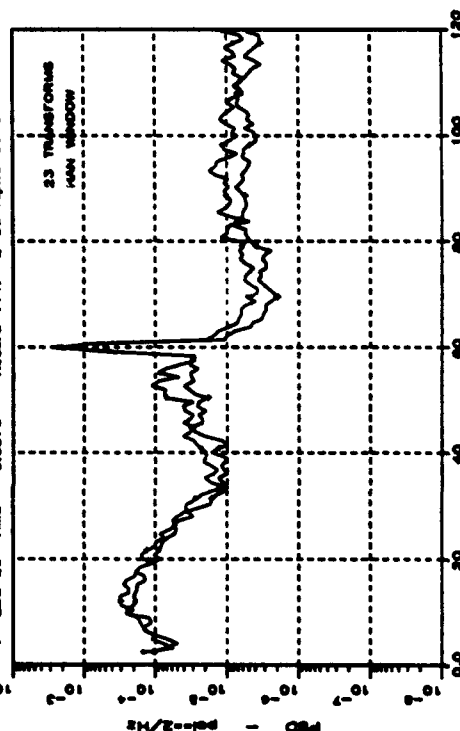


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

• LOC 26 RMS = 0.0364 Record 61: Q-33 Alpha-36 Beta-+16 FENCE OFF  
• LOC 26 RMS = 0.0376 Record 114: Q-33 Alpha-36 Beta-+16 FENCE ON

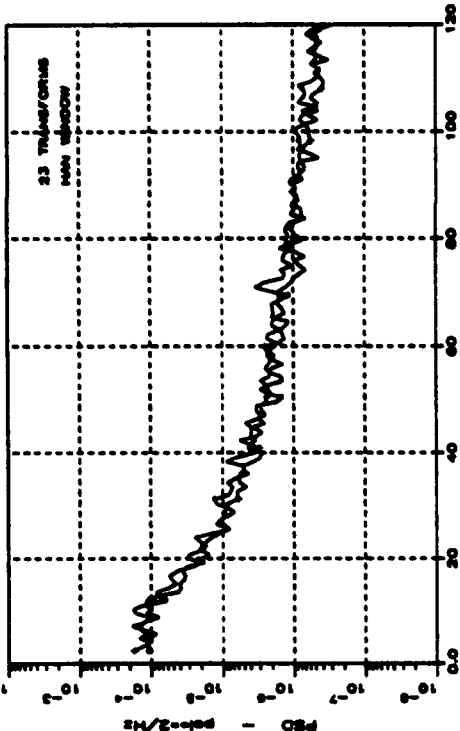


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

• LOC 27 RMS = 0.0480 Record 61: Q-33 Alpha-36 Beta-+16 FENCE OFF  
• LOC 27 RMS = 0.0438 Record 114: Q-33 Alpha-36 Beta-+16 FENCE ON

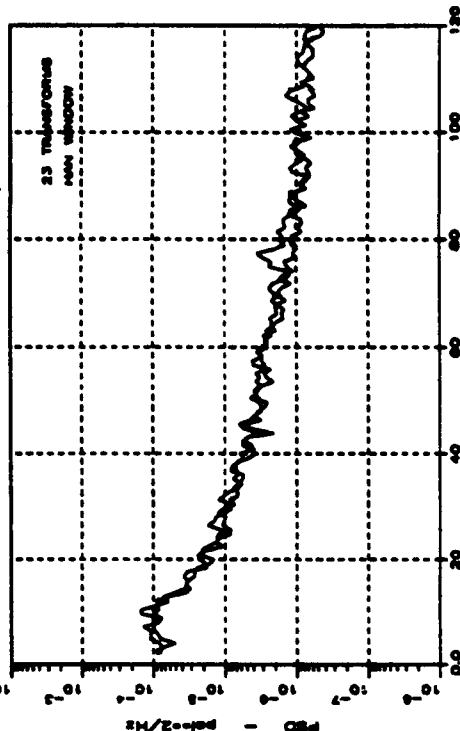


FREQUENCY - HZ

DELTA F = 0.798

# F-18 Tail Buffet Test

• LOC 26 RMS = 0.0416 Record 61: Q-33 Alpha-36 Beta-+16 FENCE OFF  
• LOC 26 RMS = 0.0364 Record 114: Q-33 Alpha-36 Beta-+16 FENCE ON

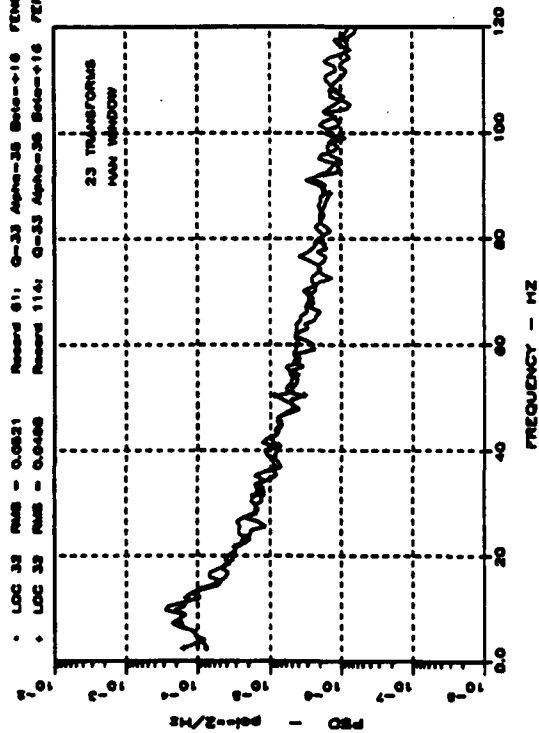


FREQUENCY - HZ

DELTA F = 0.798

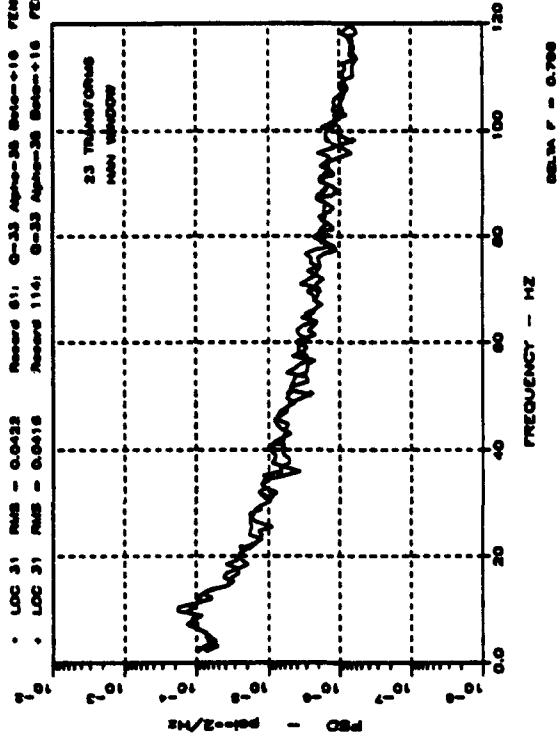
# F-16 Tail Buffet Test

• LOC 32 RMS = 0.0531 Record 61: Q-33 Alpha-35 Beta=+16 FENCE OFF  
• LOC 32 RMS = 0.0486 Record 114: Q-33 Alpha-35 Beta=+16 FENCE ON



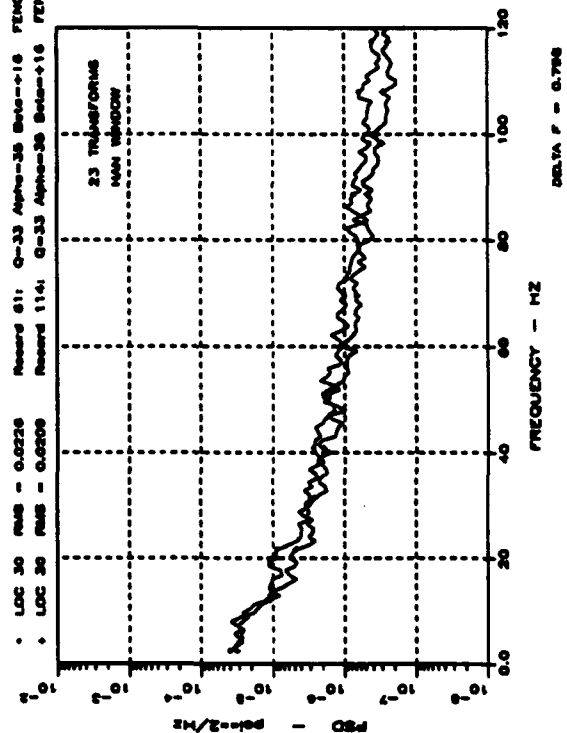
# F-16 Tail Buffet Test

• LOC 31 RMS = 0.0422 Record 61: Q-33 Alpha-35 Beta=+16 FENCE OFF  
• LOC 31 RMS = 0.0416 Record 114: Q-33 Alpha-35 Beta=+16 FENCE ON



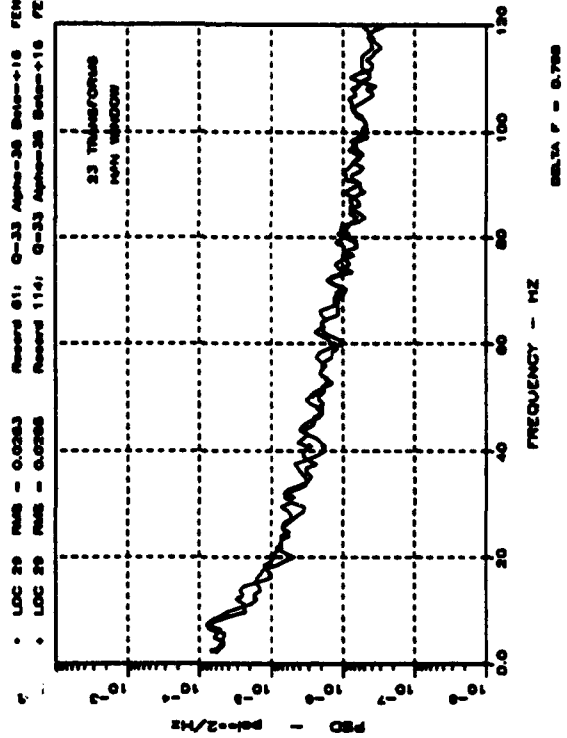
# F-16 Tail Buffet Test

• LOC 30 RMS = 0.0226 Record 61: Q-33 Alpha-35 Beta=+16 FENCE OFF  
• LOC 30 RMS = 0.0206 Record 114: Q-33 Alpha-35 Beta=+16 FENCE ON



# F-16 Tail Buffet Test

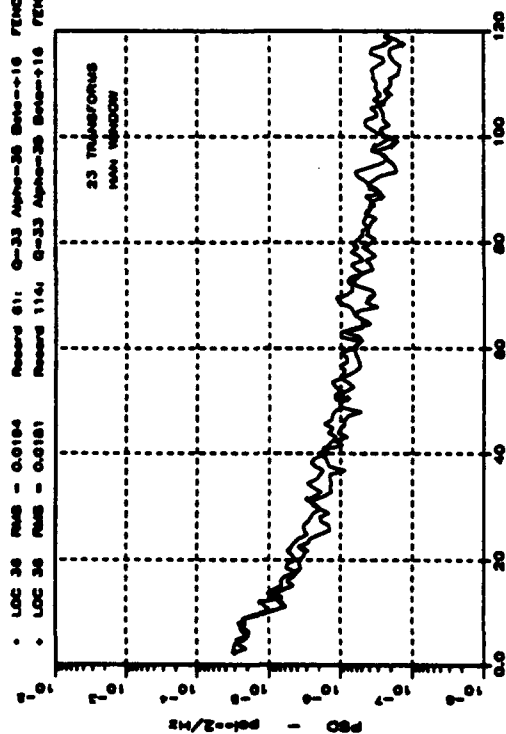
• LOC 29 RMS = 0.0253 Record 61: Q-33 Alpha-35 Beta=+16 FENCE OFF  
• LOC 29 RMS = 0.0206 Record 114: Q-33 Alpha-35 Beta=+16 FENCE ON





# F-16 Tail Buffet Test

LOC 36 RMS = 0.0184 Record 61: Q-33 Alpha-36 Beta-16 FENCE OFF  
LOC 36 RMS = 0.0181 Record 114: Q-33 Alpha-36 Beta-16 FENCE ON

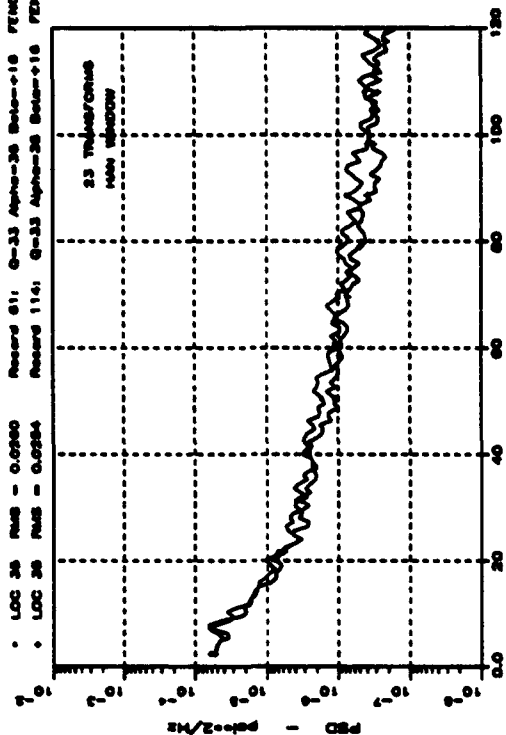


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 36 RMS = 0.0260 Record 61: Q-33 Alpha-36 Beta-16 FENCE OFF  
LOC 36 RMS = 0.0264 Record 114: Q-33 Alpha-36 Beta-16 FENCE ON

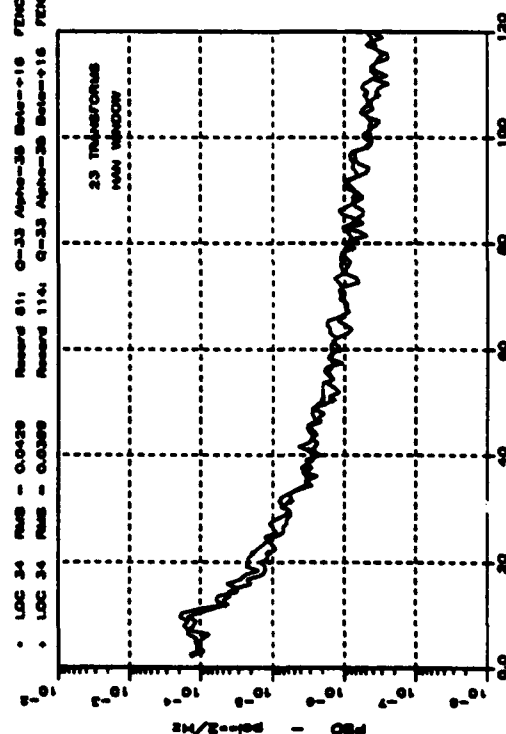


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 34 RMS = 0.0429 Record 61: Q-33 Alpha-36 Beta-16 FENCE OFF  
LOC 34 RMS = 0.0399 Record 114: Q-33 Alpha-36 Beta-16 FENCE ON

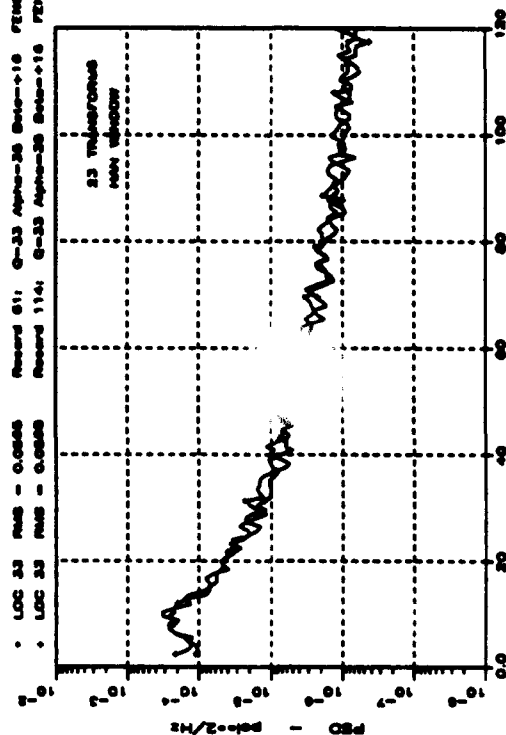


FREQUENCY - HZ

DELTA F = 0.798

# F-16 Tail Buffet Test

LOC 33 RMS = 0.0368 Record 61: Q-33 Alpha-36 Beta-16 FENCE OFF  
LOC 33 RMS = 0.0368 Record 114: Q-33 Alpha-36 Beta-16 FENCE ON



FREQUENCY - HZ

DELTA F = 0.798



**Pressure Coefficient Differential  
Power Spectral Densities**

(Nondimensional form)

Pressure Transducer Stations 1-36

Angle of Attack = 35 degrees

Test Variable - Aircraft Sideslip Angle

Sideslip Angle = -16, -10 -6, 4, -2, 0, 2, 4, 6, 10, 16 degrees

Test Variable - Dynamic Pressure

$q = 20 \text{ psf}, 33 \text{ psf}$

LEX Fence Off and LEX Fence On



